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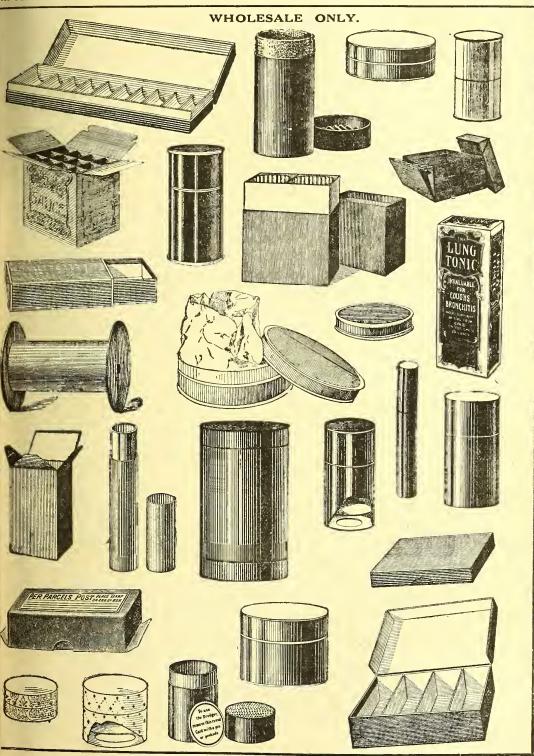


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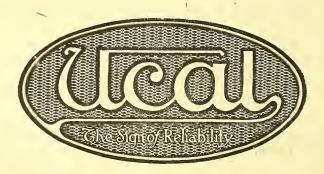
With this announcement Ucal will conclude the present series of advertisements to the trade.

The interest which pharmacists generally are manifesting in Ucal is gratifying, because it is both wide and deep. This is also somewhat embarrassing because the organisation cannot be expanded with the same rapidity.

Unfortunately, factories and the necessary equipment they demand cannot be brought into being merely by waving a magic wand and saying "Presto!" even though there is something akin to magic in the word "Ucal."

The Directors adhere to the principle of service to existing members first. Admissions to membership are being made as rapidly as possible consistent with this policy. Next in line stand those, and they are many, who are considering Ucal. Until the requirements of these are met Ucal must refrain from general publicity.

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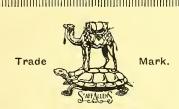
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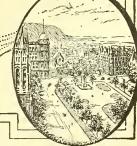
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NUMBER 448. MAY 15, 1920.

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P-TO-DATE

the while and the illustrated il begin to spread itself on the mGirl.

ason hence and the young vi keen faces and big cameras cent post haste to the holiday where (vide railway posters) s ds are golden and the air is

ver the matutinal eggs and e shall be confronted with a visions of Phyllis and Mabel linche rising like modern es from the wanton, witching Waves, did I say?—well, let a avelets, for, curiously enough, tographers seem only to snap of ones to whom ankle-deep is adventure.

s all very nice," I can hear "but what's it to do with

b self-respecting Seaside Girl she glances of the multitude a bathing-cap " of the most The day is far distant when thing would do.

odern Aphrodite will spend as ogitation on a bathing-cap as as to the purchase of a ball-Oh, yes! And there's a big to be done in this very necesponent of Beauty's seaside

Remale portion of your clientèle your stock of bathing-caps is o' serviceable but also smart, ''ll gain a reputation that won't lg to spread.

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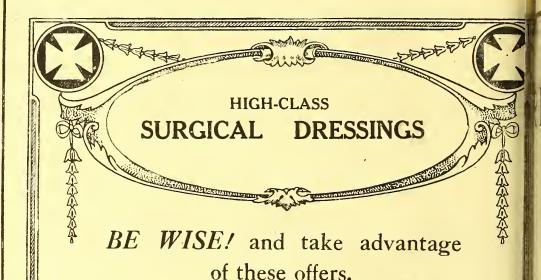
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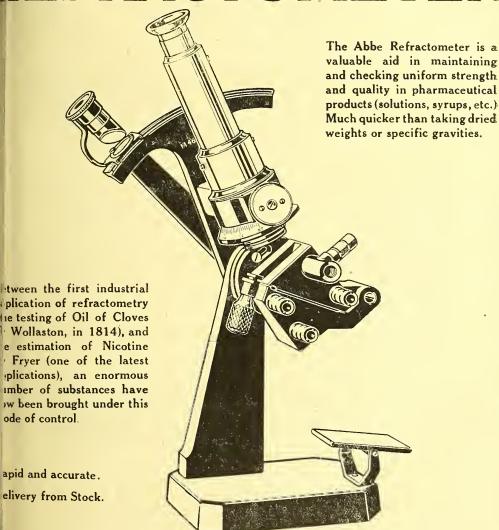
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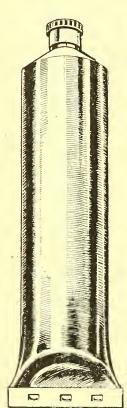
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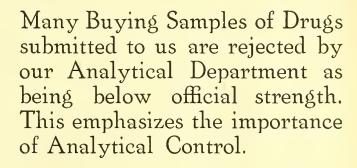
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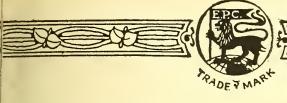
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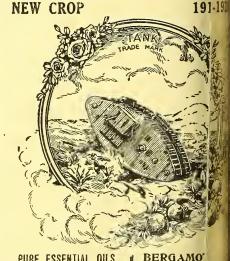
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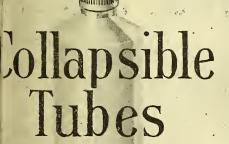
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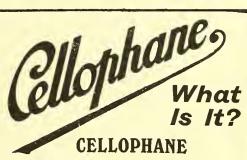
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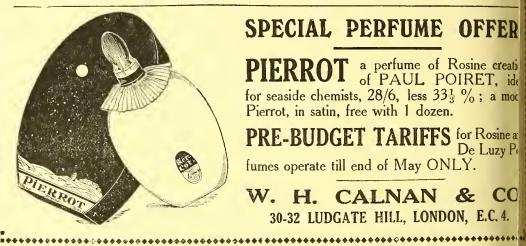
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18 Ogle Street - LONDON, W. 1.

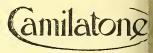
STOCK CAMILATOR and please the ladies.



T is always profitable to suit thre quirements of women, especially lend their hair is concerned. If you sold Camilatone Hair Beauty Shan or you will develop a big counter transition the ladies, for it restores to dull or led hair all the glossy lustrous shad or

IT IS SIMPLE TO SELL, SHOV GOOD MARGIN OF PROFIT. WE A IS YOU IN DEVELOPING THE BUSISS AND HELP YOU WITH VIGOU ADVERTISING AND SHOWCARDS.

youth. Order a supply to-day.



puts Sunshine in the Hai:

Write to day for a copy of booklet, Ha Beauty Hints," which will be sent pc fre together with trade terms.

Camilatone is obtainable from R. Honde & Sons, Ltd., Berners St., W.1., an Ci Road E C.1., and Hellywell & Co.,44 Legto Street, Golden Sq., W.1., or direct from

CAMOMILE TONIC (0. 16 Lichfield Road, London, N. [2]

Increase in Profession 1st May, 1910

OWING to the increased cost of prince tion we have reluctantly been complet to slightly raise the wholesale price

ANZORA CREAM ad ANZORA VIOLA

the only two preparations that Master the Hair.





12/- per dozen retailed at 18/20/- ,, ,, ,, 30/For monthly settlement otherwise strictly net we allow:
2½% disc. on orders of 3 doz.
5% ,, ,, ,, 6 ,,
16% ,, ,, ,, 12 ,,
and upwards

FROM ALL WHOLESALERS.

Anzora Perfumery Co., Willesden Lane, Londo N.W.

EARBORN

LIMITED

ray's Inn Road, LONDON, W.C.

Toilet Specialities.

				Price	Selling
			T.	er doz.	Price
				Retailer. F	
ľ	ENTA SOAP		_	10/-	1/-
	inplexion soap.			.0,-	•/-
				40/	41
E	LACTUM	•	-	10/-	1/-
×	le lips.				
L	SIDIUM JE	LLY	_	10/-	1/-
	rinkles.			/	-1
	ACITE of O	DANT	CE	00/6	0/6
				22/6	2/6
5 8	ssing cream. BL	OSSC	M		
1	ANIUM			20/6	OIC
		•	-	22/6	2/6
	tonic.				
	MINITE	-		22/6	2/6
N	face lotion.			•	
)	LIANDUM	_	_	22/6	2/6
	face tint.	-	_	-2/0	2/0
				00/0	010
	GOL -	-	•	22/6	2/6
0	dorant.				
9	LLAX -			22/6	2/6
	shampoo			,_	-,-
	TALINE			31/6	3/6
		•	-	31/0	3/0
	learing the skin.			. 6	9
	MINOL		-	36/-	4/-
1 6	pilatory.				· ·
3	INALINE	_	_	36/-	4/-
	he eyelashes.	_	_	00/	/
		T 7 A 37	•	04/0	0/0
	RCOLIZED	WAX		31/6	3/6
II.	e cream.				
	MOL -	-	-	36/-	4/-
5	ily complexions and	blackhe	ads.		-1
1	SYDE -			22/6	2/6
-	lruft eradicator.	-	-	22/0	2/0
	IMALITE		-	22/6	2/6
C	rey or faded hair.				
6	UID PERGO	T.	_	31/6	3/6
	ack excessive perspi		ocall a	31/3	3/3
		· EUUH N	rem 1.	00/0	0/0
	ROLIUM	-		22/6	2/6
	whitening the hands.				
f	RAPOSA -	8		22/6	2/6
	oil shampoo.			,	_, _
I.					
	DKED BY ALL		ECA		IDEO

DKED BY ALL WHOLESALE HOUSES

LONIAL DEPOTS AND AGENCIES.

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ILL WHOLESALERS and
DEARBORN. Ltd., Grace House, Clarence Street, Sydney,
M AFRICA:
LNNON & CO., Ltd. (Cane Town)
IVE BROS. & KARNOVSKY Ltd. (Johannesburg)

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Da-	Doz. P.A.	TA
DECOLTENE 3	30/- 3	
The Liquid Hair Remover		
DINKIË 2	20/- 2	2/6
The Dainty Deodorant		
DIADEM VANISHING CREAM 3	30 /- 3	3/9
In "snowball" Jars		
DIADEM FACE POWDER - 2 In six shades	20/- 2	2/6
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For the manufacture of Brilliantines, Toilet Paraffins, etc.

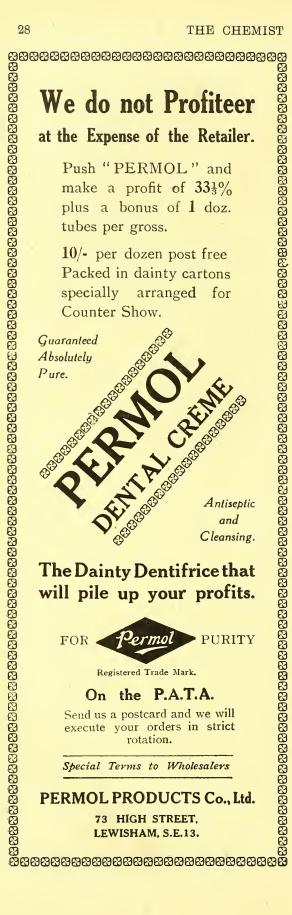
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Write for latest edition of illustrated catalogue.





All High-Class Chemists should stock

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the well-known Liquid Cleanser for checking pyorrhol Retail 3/- and 5/- per bots.

Also the unrivalled

SAVON DENTAIRE LACGI for cleaning Artificial Teh Plates. Retail 2/6 per pot.

Liberal Discount to the Trade. ATTRACTIVE SHOWCARDS SUPJED

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Jackel's

(without Gilse) for THE JAIR Sold everyure

Established 13.

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" Jackel's tream fixes the hair 'sired position is excelled as a dressin and does not soil headware. Scurf and keeps the scalphealth and promotes e nati al growth of he h while maintaing softness and Illiano

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Prices for Wholesal and I Houses on app tion Jackel et Cie of Paris

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CREAM Trade Mark attached to each bottle.

Think it over!

THESE ARE JUST THE LINES YOU WANT.

"Leona" Series are of ip-top quality, beautifully packed, well advertised, leave you a good profit, and are on the P.A.T.A.



"LEONA" DENTAL CREAM

(Mint or Thymol)

Small Size ... Cost 4/6 per dozen Sell @ $7\frac{1}{2}$ d. Large Size ... , $8/\cdot$, , , @ 1/3

Recommended by the Institute of Hygiene.

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Cost 12/- per dozen Sell @ 1/6

A Delightfully Perfumed Vanishing Cream packed in handsome 2-oz. opal pots.

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Packed in beautifully embossed tins and cartons.

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Cost 8/- per dozen Sell @ 1/-

Richly perfumed and packed in gold-blocked boxes.

Every Line is a work of art.

Ask your wholesaler to show them to you, and

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TOOTH PASTE

"STRONG" OR "MILD"

THE SUPER PASTE

"ENOLIN" IS ALSO SUPPLIED IN POWDER FORM, 6d. and 1s. TINS.

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B. quality Brown Fur. 3/11 each. Retail.



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Additional Powder Bags, 6d. each, Retail. Revolution in Powder Puff Manufacture. Thousands already sold. Now stocked by leading Wholesale Houses. Usual Trade Discounts.

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SEVEN SHADES.

1/6 size 12/- doz. 2/6 size 18/- doz. Al

The only de giving a natural gloss to the hair

From all wholesalers or direct

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THE DEMANI, F THINULN

the never-failing remedy for IJBLE and general OBESITY is rary gov Other specialities are Thinulene (am. II Ointment, Oilene for Infants! H. s. Lai for Eyelashes.

Have you got YOUR suppliff for particulars to—The SELL PREPARATIONS. 37 Berners reet.

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NEATLY BUNDLED and CADE OUR PRICES ABSOLUTEL DEFY COMPETITION

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are as under:

2/- size. No. 45 1/3 size. No. 495 16/- per doz. 1 doz. 11/- per doz. doz.

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The P.A.T.A. prices for Java Powder have been increased to 2/- and 1/3 per box. M. 1, 1920.

WE ARE ACTUAL MANUFACTURERS OF

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of Price List of our Special Lines of Wool Pads and Mignonnettes.

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TOOTH POWDER. NAIL POLISH PASTE. NTINE, Solid and Liquid. OLET POWDER. TALCUM. MAMPOO POWDER & LIQUID. MASSAGE CREAM

Your own formula prepared, or we can supply ingredients if desired. Send for samples and quotations.

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Why Euthymol Tooth Paste?

In an interesting article in "The Advertisers' Weekly" Mr. Stuart Hirst discusses and analyses the reasons for the success of branded goods.

The following extracts are particularly worthy of attention:—

"A branded article, as representing the highest achievement of a manufacturer in a particular trade, is calculated to give a customer more satisfaction than a non-branded or nondescript article."

"No advertised article can succeed without real merit behind it."

This epitomises in general terms what has always been claimed for Euthymol Tooth Paste, that its sale has grown by, and on account of, its

Distinctive Merit.

Euthymol Tooth Paste kills dental decay germs within 30 seconds.

PARKE, DAVIS & CO.

50-54, Beak Street, LONDON, W.1.

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IVE it a good show and it sells itself. There is nothing just like it. The excellence of the product and the practicability of the box makes customers for you.

Shows you $33\frac{1}{3}\%$ on selling price.

POUDRE NILDÉ

in the Sifter Box.

Appeals irresistibly to every woman. The quickest selling line of face powder ever shown.

MINIMUM SELLING PRICES:

POUDRE NILDÉ

in the Sifter Box.

Indbag size - - 1/Indium size - - - 2/I rge size - - - 3/6
I ather or fancy silk vanity
cases, with mirror, small

I rge size - - - 10/Shades:

Inche, Rachel, Naturelle, Rosée, Basanée.

ROUGE INVISIBLE NILDÉ

in the Sifter Box.

Small size - - - - 1/6
In Jeather case - - - 5/6

Tints: Blonde & Brune

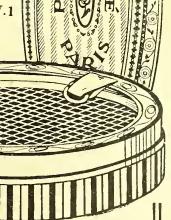
THROUGH YOUK WHOLESALE HOUSE.

EACH
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NILDÉ, Paris

British and Colonial Agents:
8 BLENHEIM ST., LONDON, W.1



The Perfect Paste with the Pleasant Flavour.



Dental Paste

A Perfect Dentifrice.
Pleasant to the taste.
Profitable to the Retailer.

Retail Price, $7\frac{1}{2}d$. and $1/\sqrt{.}$

Window display terms on application.

ANGLODOL, LTD., BERKHAMSTED.

Telephone: BERKHAMSTED 138.

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INSECT FLOWERS

(Japanese Best Quality).

1919 Crop was only 50 % of that of 1918, and present prices are 400% higher than 1918. 1920 crop to be harvested May-June is estimated 20% below that of 1919. If demand continues as at present, the present unprecedently high price will be exceeded.

We have shipped hundreds of tons with unanimous satisfaction to our customers.

Cable us your inquiries.

We are an all British-American firm, specialising in business that ensures satisfaction.

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Cable Address-"Simsland."

[7]

CORRUGATID PAPER

ROLLS, SHEE'S BOXES (collapsit)

Cartons, "Cut Pieces," Strong Oute, for every description of Packi.

Keenest Prices.

Quick Delrery.

Inquiries Welcomed.

The Guildhall Corrugated Pape Co. Guildhall Buildings, Navigation Freel, BIRMINGHAM.

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DISPLAY.

Our new 3 Tablet Box

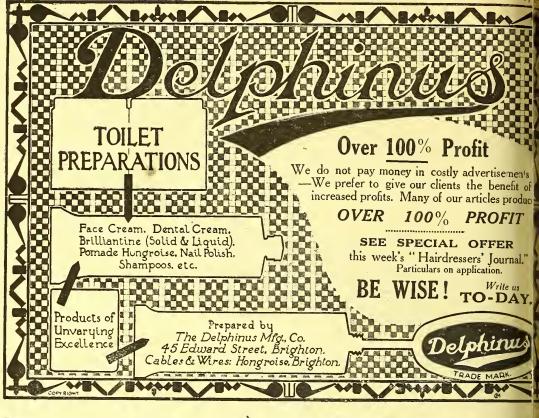
has been delayed by difficulties of manufacture and material which at times seemed insuperable.

We now have sufficient supplies and will put up as large a proportion of each order as possible, not exceeding one third, in this way without extra charge.

We ask our friends to requisition for soap in dozens as heretofore, leaving to us the proportion to be boxed, with our assurance that fair treatment will be accorded in every case.

A. & F. PEARS, Ltd., 1-75, New Oxford Street, LONDON, W.C. 1.





G. B. KENT & SONS, LTD.

Are known the World over as the Largest Manufacturers of

> BEST RITISH RUSHES

Please write for full Particulars to-

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MEDICINE BOTTLE

Messrs. RICHARDS, THYNNE & CO. 130-132 Tooley St., S.E. 1

SPOT CASH OFFER FOR

LIMES, White and Amber (from 10 grate to 250 grms.)

MEDICAL FLATS, White and Amb (10 grms. to 150 grms.)

WIDE-NECKED POWDER BOTTLES.
ROUND, WITH LIP. DROP BOTTLE
EX LONDON STOCK.



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'CUTEX' NAIL PREPARATIONS

Are you taking full advantage of our Press Advertising. See the 'Daily Mirror,' 'Sketch,' 'Bystander,' 'Graphic,' 'Sphere,' &c.

PRICE LIST.

		Per	doz.	P.A.T.A.
utex,	the Ideal Cuticle Remover, Sm ll .	21	6	2 6
,,	,, ,, ,, Mediu	m 43	3/_	5/-
,,	N. 7 . 1 XX771 .	21	6	2.6
12	D 1:1 O 1 3777 :	21	6	2 6
,,	D: 1		6	26
•,	FR 1 1 1		_	10 ¹ d.
	Stielt in Matel Tube		/_	2/-
11	Danidan		/_	2/-
,,	Deliable Desta Disk		6	2/6
*1		91	6	2/6
2.2	., ., ., ., ., ., ., ., ., ., ., ., ., .			_'.
,,	Liquid Nail Enamel	25	6	3/-
.,	Cuticle Comfort	21	6	2/6
,,	Nail Bleach Powder	21	/6	2/6
22	" Rouge	21	6	2/6
,,	O M : C	36	6	4/-
,,	777 III	93	/	11/6
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39	Cold Cream	21	. 0	20/-



No. 16 COMPACT SET

HAVE YOU THIS SET IN STOCK—IF NOT, WE ADVISE YOU TO ORDER SOME AT ONCE. IT IS A WONDERFUL BRINGER OF REPEATS FOR THE FULL - SIZED ARTICLES.

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4 & 5 Ludgate Square, London, E.C.4:

38	THE CHEMIST AND DRUGGIST MAY 15 1991
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53	
	Combs are always in demand and the Chemist who displays them gets the Business. Below is
<u> </u>	selection of good selling lines—try a few of them. Ladies' Dressing Combs Ladies' Rake Combs
超	No. Sign Pay Dog No. Sign Pay Dog
	171 White celluloid 7 × 1½ in. 6/6 167 White celluloid
	103 Black ,, $7 \times 1\frac{1}{2}$ in. $6/6$ burr grailled $6\frac{1}{2} \times 1\frac{1}{4}$ in. $12/6$ 103 $7\frac{1}{2} \times 1\frac{1}{2}$ in. $12/6$ 117 ,, $7\frac{1}{2} \times 1\frac{1}{2}$ in. $12/6$ 117 $12/6$ 118 $12/6$ 128 $12/6$ 128
莒	102 " " $8 \times 1\frac{3}{4}$ in. $7/6$ 115 " " " $7\frac{7}{2} \times 1\frac{3}{4}$ in 22/1
Ω Ω	101 White ,, $8 \times 1\frac{3}{4}$ in. $8/-$ 174 ,, ,, $8 \times 1\frac{3}{4}$ in. 27/-
ä	112 Dove colour, 189 Black ,, ,, 8 × 1 ³ / ₄ in. 27/-
13	non-inflammable 8 × 1½ in. 8/- 123 Assorted , , , , 7 × 1½ in. 8/- 148 Mottled colour,
呂	123 Assorted ,, ,, $7 \times 1_4^1$ in. $8/-$ 121 Black celluloid 148 Mottled colour, non-inflammable $5\frac{1}{2} \times 1$ in. $8/-$
E E	burr grailled $7\frac{1}{2} \times 1\frac{1}{2}$ in. $13/6$ 140 White celluloid 7×1 in. $9/6$
E E	116 Chall 12 A 1 in 13/6 143 Black Vulcanite 7 × 1 in 10/6
E	172 Plack
图	163 Special line, assorted, in cases 4/6
E E	175 Shell celluloid, in cases 5 × ½ in. 9/-
13	5% discount allowed for prompt each off above prices
ä	We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Belts, Catheters, Clinical Thermometers, Combs Enemas, Elastic Hosiery, Hot Water Bottles, Pessaries (Quinine), Rubber Sponges, Splints, Sponge Bags, Tooth Brushes, Trusses
<u> </u>	Water and Air Beds, Water and Air Cushions, Waterproof Sheeting, and every description of Rubber Goods.
23	ILLUSTRATED PRICE LIST POST FREE. OUR GOODS ARE RIGHT. MONEY BACK IF NOT SATISFIED.
FI FI	
3	BURGE, WARREN & RIDGLEY, Ltd.
23	91 & 92 GREAT SAFFRON HILL, LONDON, E.C. 1.

Ladies' Rake Combs									
No.						Size	,	P	er Doz.
167	Whit	e celli	aloid						
			grailled		$6\frac{1}{2}$	X	11	in.	12/6
117	,,	,,	- 11	•••	$7\frac{1}{2}$	X	13	in.	21/-
115	,,	,,,	2.9		$7\frac{1}{2}$	X	$1^{\frac{3}{4}}$	in.	22/-
174	2 2	1,	1)	•••	8	X	13	in.	27/-
189	Black	٠,,	,,	•••					27/-
Gents' Dressing Combs									
148	Mott								
			nflamm	able	$5\frac{1}{2}$	X	1 i	n.	8/-
			ıloid		7	X	1	in.	9/-
1/12	Plant	Vinla	anita						1011

WE ARE THE ACTUAL MANUER FACTURERS of the following lines—BE DRESSING COMBS MANICURE SETS HAIR ORNAMENTS BRUSH BACKS (For Brush Manufacturers). All our Articles are GUARANTEED NON-INFLAMMABLE. Wholesale and Shipping only supplied. MYERS, LUMOS & Co. MANUFACTURERS. FACTORIES— SALES OFFICES— ISLINGTON, N. FINSBURY PK., N. LONDON, E.C. 2. Phone: CITY 3526 (3 lines).

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We have the Right Goods at the Right Prices!!

All French Manufacture. Delivery from Lon Stock, or Prompt.

Chemists', Druggists' Perfumers' Sundries

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Phone: Holborn 3182. Grams: "Aedeprelon, Smith, Lon.





CAPPING SKIN

WHITE AND COLOURED SPLIT OPAQUE AND TRANSPAREN BAUDRUCHE. SPRINKLER

ARTHUR TOOMBS & ()

Perfumers' Sundriesmen,

26-27 Bush Lane, Cannon St., LONDON, 14

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THE IMPROVED CASH TIL

This Till, though so inexpensive in price, does the work just as efficiently as one costing double the price. It is made from well-seasoned wood, stained and polished to imitate richly coloured mahogany. Size: 18×9×74". Lid fitted with lock and key Recording paper 2" wide. Automatically rings warning bell every time cash drawer is opened. Price, packed in wood case, 77/6 each.

Cash returned if you are not more than satisfied.

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Dudley Till Coils, 5/- doz.

DUDLEY & CO., 451 Holloway Road, N. 7.
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All work returned within 24 hours Enlargements 3 days. Send for Trade Terms. OUR NEW WORKS ARE NOW COMPLETE AND RUNG PROMPT DELIVERIES GUARANTEED. JOIN THE LIVE DEALERS' SERVICE



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Estab. 1389.

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OF EVERY DESCRIPTION

Phone: Clerkenwell 1588.

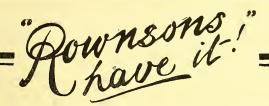
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7 & 8 SOUTH ST., FINSBURY PAVEMENT, LONDON, E.C. B

Eau de Cologne Corkscrews

FRANK A. COUIT, SUTTON HOUS 2 OLD STREET LONDON, E.C.



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Pure Pharmaceutical 1st Pressings 2nd Pressings

In Bulk, Barrels, Drums and Cases

Large Quantities Available.

SOAP.

Pale Yellow, Crosfield's and Gossage's make, packed in 50-lb. boxes, containing $20 \times 2\frac{1}{2}$ -lb. bars.

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Zanzibar, Abyssinian, Benguella, Mozambique. Packed in bags of $1\frac{3}{4}$ cwt. each.

RUSSIAN TALLOW.

Packed in 5-cwt. casks.

DISINFECTANTS.

Sanitas, "Okal," and other varieties.

JELLY.

Petroleum.

We can also supply-

MINERAL, RAPE, SWEET and OLIVE OILS, GLOVES (RUBBER), ISINGLASS, PARAQUIT, VERMIJELLI, NAPTHALINE PASTE, TURPENTINE.

Don't blame us if you are not supplied, we are announcing broadcast our desire to supply you. It is necessary for you to respond quickly in the manner indicated.

Telephone: Cent. 1070 (10 lines).

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"Rownsons
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15/- per doz. 3-tab. boxes.
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In 1-lb. decorated tins.

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Siscription Rates. TWENTY SHILLINGS a year payable in advance to any pair to fill world, including a copy of The Chemist and Druggist Diary. On the condition of the condition o

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Coming Events.

Tuesday, May 18.

on of Women Pharmacists (London Group), Dr. Williams's Lilly, Gordon Square, London, W.C., at 8 p.M. Mr. F. A. Hoing on "The Present Position and Future Prospect of Heital Pharmacy."

om Warehouse and General Workers' Union (Phar-meits' Branch), Collinson Café, Blackpool, at 7.45 P.M. Meling.

h st London Chemists' Association, Thistle Tea-Rooms, Iham Hill, London, S.W., at 8.45 p.M. Annual meeting.

Wednesday, May 19.

**msutical Society of Great Britain, 17 Bloomsbury Square, Loon, W.C., at 12 noon. Annual meeting.

d beity of Arts, John Street, Adelphi, London, W.C., at 4.3.s.m. Mr. J. S. Highfield on "Electrical Osmosis."

Thursday, May 20.

mic Society, Burlington House, Piccadilly, London, W. 1, at Meeting.

Association of Chemists' Assistants (Bristol Branch) C.A., St. James', Barton, Bristol, at 8 P.M. Annua

EINAL BY AEROPLANE.—Five large casks containing were recently brought to London from Paris in ley-Page aeroplane. Each cask was over 6 ft. in the hd 2 ft. in height and width, the consignment gl g 1,200 lb.

Welsh News. English and

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Philip's "Standard" Retail Price List.

The following are among the alterations and additions in the current issue of Philip's "Standard" Retail Price List: Drugs.—Acid. oxalic., 6d. oz.; acid. taunic., 1s. 5d. oz.; acid. tartaric. pulv., 7d. oz.; aloes socot. pulv. opt., 10d. oz.; ammon. chlor. pulv., 3½d. oz.; amyl. pulv. (rice), 2½d. oz.; aq. lavand., No. 1, 2s. 5d. oz.; aq. lavand., No. 2, 11d. oz.; aq. vest. 1d. oz. vegent. vii. cryst. 1s. 7d. 1s. 11d. oz.; aq. rose, 1d. oz.; argent. nit. cryst., 1s. 7d. dr.; camphor flor., 18. 10d. oz.; conf. sennæ, $5\frac{1}{2}d$. oz.; dr.; camphor nor., 18. 10d. oz.; conf. semne, $5\frac{1}{2}d$. oz.; cremor tartar. pulv., 5d. oz.; creta c. camph., $12\frac{1}{2}$ per cent., 6d. oz.; eau de Cologne, No. 1, 2s. oz.; eau de Cologne, No. 2, 1s. 6d. oz.; ess. limon., 1 in 12, 1s. 11d. oz.; ess. menth. pip., 1 in 10, 2s. 6d. oz.; lin. sapon. meth., 4d. oz.; magnes. cit. efferv.. No. 1, 6d. oz.; mel boracis. 3d. oz.; ol. lini opt., $2\frac{1}{2}d$. oz.; ol. olivæ sublim., $4\frac{1}{2}d$. oz.; ol. ricini opt., $3\frac{1}{2}d$. oz.; ol. terebinth., $2\frac{1}{2}d$. oz.; sel. oz. sublim, $4\frac{1}{2}d$. oz.; ol. Fichi opt., $3\frac{1}{2}d$. oz.; ol. terebinth., $2\frac{1}{2}d$. oz.; sal. acetos. pulv., 8d. oz.; shellac aur., 8d. oz.; sodii sulphas (feath.), 1d. oz.; syr. rhamni, $4\frac{1}{2}d$. oz.; syr. rhei, 5d. oz.; syr. sennæ, $4\frac{1}{2}d$. oz.; syr. violæ, $5\frac{1}{2}d$. oz.; vin. ipecac., 8d. oz. Packed Goods.—Castor oil, 1-oz. bot., 7d., 4-oz. bot., 1s. $4\frac{1}{2}d$.; syrup of figs, 2-oz. bot., $11\frac{1}{2}d$. 4-oz. bot.. 1s. $7\frac{1}{2}d$. Surgical Dressings.—Lint, $7\frac{1}{2}d$. oz.; boric lint, $5\frac{1}{2}d$. oz.

Theft of Proprietaries.

On May 7 a delivery van belonging to the American Drug Supply Co., Ltd., 6 Northumberland Avenue, London, W.C. 2, was stolen. It contained the following goods: Trypsogen Tablets; Pond's Antiseptic Cream; Glycothy-Rasemol; Bromo Paper; Cuticura Ointment; Frozoclone; Kasemol; Zymocide; Celerina; Guy's Tonic; 12 oz. Bromidia; Pepsodent Tooth Paste; Brown's Bronchial Troches; Johnson's Digestive Tablets; 1 oz. Lactopeptine; Blue Jay Corn Plasters; Hind's Honey and Almond Cream; Ammonal Tablets; Wampole's Cod-liver Oil; small, medium, and large Sal Hepatica. Any chemist to whom such goods may be tendered by strangers will know how to act.

Birmingham.

Passenger trains between Birmingham and neighbouring. centres are being increased in number.

Miss G. M. Carlier and Miss F. C. Deakin have been appointed demonstrators in botany at Birmingham University.

Alderman F. C. Clayton, Ph.C., has presented a new sixpence to each of a hundred children who are being sent to Canada from the emigration homes in St. Luke's Road.

The rainfall in the district for April amounted to 5 in. This is the highest for many years, and possibly a record, rain having fallen on every day but one—on which there

The exhibition at Bingley Hall, which closed on May 8, was a huge success. The Queen's Hospital will benefit to the extent of over 600%, this sum being 5 per cent. of the gross takings at the entrance.

Mr. A. J. Bostock Hill, who was called to the bar recently, is the son of Dr. Bostock Hill, well known for many years as professor of hygiene at Birmingham University, and grandson of Dr. Alfred Hill, formerly a local public analyst.

Mr. Horace A. Thomas, son of Mr. Thomas (Bellamy & Wakefield), was awarded the first prize for youths under twenty-one years of age for organ-playing at the recent Midland Musical festival. Mr. H. A. Thomas is studying physics at Birmingham University.

The postcard campaign in favour of Mr. H. O. Lloyd's candidature, referred to in this column of last week's issue (p. 46), is not altogether relished by local members of the Pharmaceutical Society, the well-intended efforts of non-members being greeted in some quarters with Non tali auxilio.

John & E. Sturge, Ltd., Wheeley's Lane, write as follows in reference to our note on Herbert Spencer and Joseph Sturge (C. & D., May 8, p. 46): "Joseph Sturge and his brother Charles were in the corn trade; the chemical business was founded by John Sturge in 1822, and he was joined later by his brother Edmund."

A farmer named Morris, who had appealed against three convictions by the local justices for selling milk which was deficient in solids not fats, had the convictions quashed by the Recorder at the Birmingham Quarter Sessions on May 8. The Corporation spared neither effort nor expense to obtain a favourable decision, employing quite an array of legal and analytical talent.

Southall Bros. & Barclay. Ltd., invited the students of the Birmingham Municipal School of Pharmacy to visit their chemical works at Saltby on May 5; and under the guidance of various members of the staff the students inspected the numerous departments, the surgical-dressings and pharmaceut cal machinery being of particular interest. The materia-medica specimens came in for special attention. Tea was provided, during which Mr. H. Berry, Ph.C., thanked the company for their kindness—exemplified in the two large materia-medica cabinets presented to the School last January—and assured them that their interest was fully appreciated. Mr. E. W. Mann, B.Sc., in his reply, wished the students every success.

Liverpool.

Mr. E. G. Hodges, chemist and druggist, is taking the cure at Harrogate.

Face powders and kindred articles show a "slump" tendency as regards the wage-earning class of buyers.

Professor Harvey Gibson is lecturing to the students of the Liverpool School of Pharmacy on May 14 at the University.

A number of proprietary articles are displayed at a health exhibition which is being held this week at St. George's Hall.

Mr. and Mrs. William P. Evans and Mr. E. Probble sailed in the *Baltic* on May 8—two days later than the date originally fixed.

To meet the higher cost of building, Sir William Hartley has increased from 30,000*l*. to 100,000*l*. his original gift for a maternity hospital.

Three Southport ladies have joined the ladies' reception committee for the British Pharmaceutical Conference, and a capital programme for the day at Southport has been arranged.

Manchester.

Mr. Arthur J. Gibbs, 56a Wilmslow Road, Withington, has disposed of his business to Mr. E. W. Bowskill, late of Grimsby.

Mottershead & Co., Exchange Street, have an advertisement in the local Press for a messenger-girl. Messenger-boys are a very scarce commodity.

While paying a visit to a relative in Manchester, Arthur W. Plaskett (25), whose home was in Grimsby, took potassium cyanide with fatal results.

The brighter and warmer weather of the last few days has given a much needed fillip to the photographic trade, which, so far this season, has been very poor.

Mr. W. J. Uglow Woolcock, M.P., received a great ovation when he unexpectedly entered the room where the Federation meeting was being held at the Midland Hotel on May 6.

Many chemists have been experiencing an unprecedented demand for nitric acid, gamboge, and turmeric. It appears to be due to a paragraph in a local paper giving these ingredients as the component parts of a brass lacquer. Whether the buyers of this mixture have been successful is not yet ascertained.

A supplement to "The Manchester Guardian" of May 7 contains a striking series of appeals for the University endowment fund, written by several educationists, including Professor Harold B. Dixon, director of the chemical laboratories, and Professor Weiss, director of the botanical

laboratory. Professor Dixon, in the course of his all remarks: "One lesson has been learnt by chemical laboratories they cannot afford to go without real laboratories and research chemists. They have all gone to the universities for the best-qualified mer have not found them fail. . . ."

Shemeld.

A local pharmacist lately devoted a whole day to not through assistants' applications for a vacancy.

Headed by Mr. Best, our students had an enjoy botanical afternoon recently, rambling through Cond Valley.

The President of the local society (Mr. E. President France with his mother. Mr. Preston had brothers and sisters in the Army during the war.

There is a marked increase in the number of a deaths from influenza. The medical officer of that has issued a circular to the public setting forthal and precautions.

Mr. C. H. Bradwell, chemist and druggist, who badly injured in the war, has joined the staff of Burger Welcome & Co., and has been attached to the Siddistrict. Mr. Bradwell was trained with Mr. G. Ph.C., Haymarket.

Miscellaneous.

WINE-LICENCE GRANTED.—At Preston, on May 5, an off-licence was confirmed to Mr. Harold Williams, and and druggist, in respect of a chemist's shop at lam in the name of Barnes & Sons. It was stated to undertaking had been given to sell medicated with

DISTRIBUTION OF PRIZES.—At the annual distribution of Prizes at the Borough Polytechnic, London, S, May 5, the principal (Mr. C. T. Millis) stated that the present session there have been 6,000 class in representing 3,500 individual students. The full-the students number over 600, including 35 disabled in who are being trained in dental mechanics. And the evening classes there are 200 chemistry students.

Sale of Food and Drugs Acts.—At a meetin to Lincoln town council on May 4, the public and a ported that during the quarter one sample of campatoril and two prescriptions had been submitted for the camphorated oil was adulterated, and the singular tions were not correctly compounded. Aldermal Footman: The medical prescriptions look a versaring item. As a matter of fact, it was too much (Laughter.) The matter dropped.

FIRES.—An outbreak of fire occurred at the William Metcalfe, Ltd., manufacturing chemists, and Accrington, on May 10. It originated in the natial house and spread to tanks containing creosote. The from the neighbouring factory of W. Blythe & (Li rendered assistance in subduing the flames. The is covered by insurance.—An outbreak occurred by harmacy of Mr. Shaw, 173 Bradford Road Nor Hearsfield, recently. It is attributed to a defectively cable fusing and melting a gas-pipe running age.

APPRECIATION.—The following resolution wapers unanimously at a meeting of the employes of Them Drug Houses, Ltd., held on May 12, and M.H. Collins was requested to convey the resolution managing director:

We, the employés of The British Drug Hou unanimously ask the directors to accept our best take their consideration in again distributing to us a 2000 of per cent. We would express our gratification the broken cordial relationship existing between the cook and staff, the more so in view of the prevailing lists conditions, and we desire and believe that nothing wanting on our part to cement still further the go feel which is so largely the result of the considerate shown to us in the past.

INSTITUTE OF CHEMISTRY.—The pass list for both examinations of the Institute of Chemistry is applied to the Pellowship—in the branch of organic chemistr & Eames, B.Sc. (Wales), and H. W. B. Clewe in the contract of the con

the chemistry of food and drugs, etc., Norman in the branch of the chemical technology of anufacture, E. Clayton. Associateship—in the organic chemistry, E. C. Pickering, B.Sc. of and S. B. Phillips; in the branch of the chemist if d and drugs, etc., F. N. Appleyard and A. Lees; unch of the chemical technology of textile manufact. Humphries; in the branch of the chemical of cement manufacture, S. Bowman. Certifinha branch of the chemistry of food and drugs, ixon, M.Sc., A.I.C.

AND MORPHINE THEFT CHARGE.—At Guildhall urt, London, on May 12, Frank W. Howroyd a trer, and William A. C. Dickinson (21), machinial addresses in North London, were charged with cerned together in breaking and entering into arouse of Willows, Francis, Butler & Thompson, whesale druggists, Aldersgate Street, E.C., and herefrom 28 lb. of raw opium and a bottle of hydrochloride, valued together at 391. 12s. (30), described as a bootmaker, 58 Pennyfields, D., E., was charged with receiving the goods. The statement made to the police, said that sums amounting to 231. had been paid to Howroyd and himself. The morphine bottle quently found in a room occupied by a brother, ho said he had sold the opium for 351. All the remanded in custody.

ADERS ORGANISE.—A representative meeting of a sheld in Manchester on May 12 to establish to Chemical and Dycstuffs Traders' Association for the organisation of distribution. The question of a honorary President was left in abeyance, but living executive officers were appointed: Vice-to Mr. Fred T. T. Reynolds (Manchester); hon. Mr. Walter Waugh (London); executive complessrs. Charles Page & Co. (London), R. W. Co. (London), Bayley, Clanahan & Co. (Manchester), T. Hender-(Glasgow), E. G. Jebson & Co. (Leeds), and & Co. (Liverpool). The chairman (Mr. Reynolds & Co. (Liverpool). The chairman the content of the Manchester) on the merchant class, and to see that mental regulations the distributing side of the received proper recognition and fair play.

COURTS.—At Barnet, on May 6, Sir Ernest gave evidence in a case in which Elstree Works, Ltd., of which he is a director, were also be a considered for permitting a nuisance at Elstree. One with the smells from the factory were so bad sworks was a scent-bottle compared with them. Shackleton stated that everything possible was dee to abate the nuisance. A Solicitor: Is it a Ernest, that you are impervious to smells?—yed in the Antarctic, where there are no smells, first to notice them here. The case was addor three months.—At Newport, Isle of Wight, Arthur E. Saunders (14) was bound over on a breaking into the premises of his employer, and G. Giles, chemist and druggist, and stealing inf 10s.—At Mansion House Police Court, London, and the Nestlé and Anglo-Swiss Condensed Milk cacheap, E.C. 3, were fined 10l., with 26l. 5s. costs, clof two summonses for attempting to impose a identification.

The is an absolute preventive of smallpox, says a potent of a Scottish paper, on the authority of a paper dating from the year 1903.

ms of Freudenberg & Co. and Ch. & A. Boehoduce merchants, formerly of Colombo, which copulsorily liquidated, have been re-formed in Germany, under the name of Freudenberg, Boeh-Co., with the object of recapturing their old

Irish News.

Brevities.

Dr. O'Hagan has written to the Ardee Board of Guardians complaining of the difficulty in getting supplies of medicines from Liverpool and of medical instruments from Belfast. He reminded the Board that there is a provision in the contract empowering him to purchase supplies locally and charge the difference to the contractors. It was agreed to do this if necessary.

The Dublin Retail Drug Association held a committee meeting on May 5, Mr. D. M. Watson (President) in the chair. The following were also present: Messrs. J. Smith, W. F. Ellis, R. Mellon, R. E. Campbell, A. Owen Wells, G. A. McLean Lee, R. White, V. E. Hanna, Dr. J. A. Mitchell, and Dr. J. A. Walsh. Correspondence from the following was received: The Ulster Retail Drug trade Association, Thomas Christy & Co., Michael Kelly, Enniscorthy, McMahon's Pharmacy, Limerick, and D. W. Parke, Clonmel. Mr. James McKeever, Market Square, Navan, was elected a member of the Association.

Belfast.

Mr. Allen McIntosh McCurdy, Ph.C., 46 York Road, Belfast, has been nominated as a candidate for Duncairn Ward at the forthcoming Board of Guardians' elections in Belfast.

The Senate of the Queen's University is inviting applications for the lectureships in dental surgery, dental mechanics, dental metallurgy and materia medica, and orthodontia.

At the annual meeting of the Unionist Parliamentary Association for the Victoria Division of Belfast, on May 7, Mr. J. J. Carroll Culbert, Ph.C., Connswater, was elected a Vice-President.

At a meeting of the committee in charge of the Ulster Chemists' annual golf match Mr. H. G. Pring (Grattan & Co., Ltd.) in the chair, it was decided that the year's competition should be held on the links of the Donaghadee Club, co. Down, on June 2. The draw will take place on May 31. A full day's programme has been arranged, and the party will leave Belfast by the 10.15 A.M. train.

At a meeting of the Improvement Committee of Belfast Corporation correspondence was read from Suffern & Co., Ltd., chemists and druggists, 302-304 Shankill Road, complaining that their windows have been broken by stone-throwing from vacant ground at the corner of Shankill Road and Mountjoy Street. A letter was read from Mr. S. Gibson, R.D., regretting the delay in carrying out attentions; also intimating that he is negotiating with the present tenants without serving notice to quit, as such notice would not expire until August 1. The surveyer was instructed to inform Mr. Gibson that the committee cannot allow the necessary alterations to remain in abeyance any longer.

Scottish News.

Brevities

Spring-cleaning materials are once again in demand.

Kilwinning Co-operative Society are opening a pharmacy at Byres Road.

The price of medicated syrups is about the same as that of pre-war tinctures.

Mr. G. Ogg, chemist and druggist, Sandgate Street, Ayr, will remove to 44 Newmarket Street on May 28.

The Drug Union is extending its propaganda to the rural districts, and soon there will be a general linking-up of the whole of Scotland.

A correspondent writes: "I am pleased to notice that Mr. Malcolm Irvine is a supporter of a pharmaceutical publicity campaign. Publicity is the true bedrock upon which our future status will be built. Let us see to it that the campaign is thorough and effective."

Deep regret has been occasioned among his many friends at the death of Mr. Alexander B. Jack, chemist and druggist, Loanhead (C. & D., May 8, p. 57). Mr. Jack, who was a native of Dingwall, served his apprenticeship there with Dewar and Hay, chemists.

Testimonial to Mr. J. Rutherford Hill.

We learn that the committee in charge of the arrangements for the Rutherford Hill testimonial have decided that the testimonial shall take the form of (1) a portrait of Mr. Hill in oils, by Mr. John McGhie; (2) a silver salver with inscription; (3) Government stock to the value of about 2,000l.; (4) a cheque for the balance. The presentation will be made at a dinner to Mr. Hill on June 16, in Ferguson & Forrester's Restaurant, 129 Princes Street, Edinburgh, at 5.30 p.m. prompt. Morning dress. The dinner ticket has been fixed at 15s, a head. The accommodation is somewhat limited, and any subscriber wishing to bring a guest should reply before May 20 to Mr. G. Shiach Kitchin, secretary and treasurer, 116 Nithsdale Road, Pollokshields, Glasgow.

Drug-workers' War Memorial.

Mrs. Inglis Clark unveiled, on May 8, a memorial erected by the employés of Duncan, Flockhart & Co. to their fellow-workers who fell during the war. The memorial consists of a large brass tablet encased in a heavy teak frame, and above is a tiled canopy similar to that used for a calvary. It was dedicated by the Very Rev. Dr. Wallace Williamson, Dean of the Order of the Thistle. Dr. Ewing presided over the gathering, and gave a short address, reciting the names of the workers on the roll—including that of Captain Charles Inglis Clark, who fell in Mesopotamia in March 1918. The ceremony was attended by several relations of the late Captain Clark, and by a large gathering of the workers. After the service, Dr. Inglis Clark thanked the subscribers, and undertook in the name of the firm to have the memorial kept in a state of preservation. Mrs. Inglis Clark then unveiled a memorial tablet erected by the firm to her son, the late Captain Clark. Both memorials occupy prominent positions of the firm's works.

Edinburgh.

The charge against the American sailor, France, of assaulting the late Mr. W. B. Cowie has been altered to one of murder.

A woman recently charged at the city police court with attempting to commit suicide by drinking carbolic acid was sent to prison for twenty days, "to get the poison out of her system."

J. F. Macfarlane & Co. are closing their warehouses and offices for stocktaking from Thursday, May 27, to Saturday, May 29, inclusive. Urgent orders will receive attention between these dates.

Mr. John Hutton, head warehouseman with Raimes, Clark & Co., Ltd., has this week completed twenty-five years' service with the company. Mr. Hutton has never been absent from business on account of illness.

Vaccination-pads are selling well. Employers are advising their staffs to be vaccinated; and the Edinburgh Insurance Committee has arranged for a free distribution of vaccine lymph. Chicken-pox is notifiable in Leith.

Glasgow.

Charles Cockburn & Co., Ltd., chemists, Union Street, are removing to 49-51 Gordon Street at Whitsuntide, the former premises having been sold.

Several additional cases of smallpox have been admitted to Belvedere Hospital, bringing the total under treatment to 111. Fifteen deaths have occurred since the outbreak.

The exhibition buildings at the Bunhouse are to be extended. Several exhibitions are to be held there in the near future, including a health exhibition, for which most of the space is already booked up.

The Profiteering Act.

Notes.

COMMITTEE DECLINES TO RESUME SITTINGS
The Blackburn Profiteering Committee consider.
May 6, the Profiteering (Amendment) Bill at rebefore Parliament. In the opinion of the Commiss, amendments proposed do not in any way assist the ing Committees in their work. It was also felt at Board of Trade's inquiries into wholesalers' profit ad had the slightest practical result, and that the wilding the strengthen the powers of the Board. I he cumstances the Committee, which recently decide to pend work, is not prepared to resume its activit.

Appeals.

At the sitting of the County of London Aprilomittee on May 10, Mr. Lewis Walter Hawkin harding as J. Beedzler & Co., 20 Norton Folgi Pappealed against a decision of the Stepney Piter Committee ordering a refund of 1½d. on 7d. cheef tion (C. & D., March 27, p. 71). Mr. Walter Impubarrister (instructed by Neve, Beck & Kirby, on hat the Chemists' Defence Association, Ltd.), appled the appellant. Opening the case Mr. Franchisch the appellant. Opening the case, Mr. Fram a that the powder in question was purchased pappellant last July from Messrs. Huskisson &). Hawkins heard that boric acid was likely to be scarce, and bought rather more than one hund we at a price of 95s. per cwt. Disregarding ogel paper, labels, etc., the profit on the selling pr work out at 64 per cent. On March 1 last the was 125s. per cwt. That would give a profit 55 p cent. on sales. To purchase it by the pound pre-would pay 1s. 4d. per lb., and selling it at 7d. or } would result in a gross profit of 43 per cent. I provide the London Chemists' Retail Price List, and a "The British and Colonial Pharmacist" to British and Colonial Pharmacist" to the British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Colonial Pharmacist" to the British and Colonial Pharmacist "The British and Co anything were needed to strengthen those figes. might take the National Health Insurance tari Total the current price of boric acid powder was 18. d. s lb. A chemist was entitled to 3.9d. for displing that the price to the complainant was less than lerth With regard to pre-war prices, boric account scheme. was purchased in July 1914 at the rate of 34s. From which worked out at 4d. per lb., the selling rebuseling price. Quite apart from this sale, the grant of profit in the appellant's business was lower thing war days. Mr. Hawkins, in evidence, corroborded sel's statement as to present and pre-war profits and s that it was his practice to refer to the current all prilists in order to fix his prices. He added that he prices. lists were not in existence before the war. ? Ch man: You are guided by them with regard to e within —Yes. The chairman asked if the prices all articles mentioned in the different lists were ide cal-Mr. Frampton replied that he could not say althou 7d, was the price quoted in each for the powd in quition. The Chairman: If they differ on some ticles is difficult to take them as a standard. Mr. ramproduced the price list of The British Drug Hc2s. I which, he said, was the one adopted by the Nation Health Insurance Commissioners. On March deducted the powder at 1s. 4d. per lb., or 12 cwt. Mr. Clarke, for the local Committee, sa that Borough of Stepney appeared to be "up ag 55" whole of the pharmaceutical profession. He 50 00 plained that new facts were being given that were not brought before the local Committee He seeted that the matter might be referred by to local Committee for further consideration. The man said that under present regulations the Timal no power to refer the case back to the Committee.

Olice made an application for an adjournment to der he new facts the Tribunal might meet him in That was a matter that had arisen in other here were no definite lines of procedure, but they arous that the parties should have a fair hearing. out of the could do o ow the case to proceed. Mr. Frampton said he noted to bring fresh facts. The only information dt had was that he had charged an unreasonable hey did not get any particulars further than Tey were identically in the same position as at a Quarter Sessions, where fresh evidence could be del. The Chairman: Is it quite the same as at ressions? The representative of the local Comappearing in support of their decision. When the before the Tribunal, is it quite fair to submit evence without any notice? Mr. Frampton: If Committee came to the conclusion that I have mreasonable profit, I have every right to bring idence I like in order to refute the evidence e them. The Chairman: There will be a new shortly, and I think, perhaps, there will be new is. Mr. Alexander Reid Keith, chemist and staid he was a member of the committee concompiling the London Chemists' Retail Price tere were six associations in London, each of representatives, and the prices were made on They required 50 per cent, on sales, were many articles on which they did not get in 10 per cent. Mr. Frampton: The figure you 150 per cent. on drugs, and in arriving at that you have taken into consideration the results Vliam Peat's Committee of Inquiry ?-Yes. The the allowed 25 per cent, overhead charges. Mr. croborated the evidence of the appellant with the profits. Mr. Clarke: On what exactly do you ibercentage on drugs?—On a rental of 100%, as the control of the profits of e I suggest to you that this is a ring?—No, it is Do you think it is a proper method that sudd be fixed by the persons most interested?—
e we taken everything into account. Mr. Frampthat the appellant's rental was 180l. per annum,
s tes 80l. In reply to the chairman, Mr. Keith allr. Hawkins saw a chance of buying at a reason-That was speculation. The Chairman: And the do not get the benefit of that?—No, the public are tild to get the advantage of a man's good bargain. was founded on the fact that complainant could in ar article somewhere else at $4\frac{1}{2}d$: what do you it?—Yes, that was at Mcssrs. Boots, but they are h chemists. They are fancy dealers, and make it is on their own articles that they put up, and e fancy articles. Boots sold saccharin tablets r 100. Chemists cannot buy them under $10\frac{1}{2}d$. y they make a loss ?- I don't say they make a they make a very handsome sum from the things up. Mr. Arthur Coulton, chemist and druggist, of Frederick White, Ltd., dispensing chemists ral Road. E., stated in evidence that it was imr a chemist by himself to earn more than 6001. Even with three assistants he could not turn to than 2,000?. or 3,000?., because there was so leiled work. To take 5?. one would have to serve sters. On a wholesale business before the war lal Revenue authorities would not accept a gross of nder 40 per cent., but now they accepted 30 per r. John Edwards, a municipal employé. and of the Stepney Profiteering Committee, said that tl case came before the Committee complainant that he had been sold a similar quantity of powder for $4\frac{1}{2}d$. To allow a fair margin the to fixed the price at $5\frac{1}{2}d$. A member of the asked what position witness held under the Mr. Clarke: He is a scavenger. The Member: the question has not been raised as to the comthe Borough Council in appointing one of its e as chairman of the Profiteering Committee. nan. in giving the decision of the Tribunal, said on they had to determine was whether or not

an unreasonable profit had been made, and whether the evidence laid before them with regard to the average profit and the pre-war profit had satisfied them that, whatever the rate of profit was to-day, the transaction was protected by the fact that the rate of profit was not greater than the rate of profit before the war. The appellant's case was supported by the production of three price lists made by various associations, which seemed to standardise the rate of cost, and formed a sort of general instruction to the retailers. They were told also that under the National Insurance scheme there was a certain price. All those matters had been taken into consideration, and did not appeal to them as being a very satisfactory state of affairs, and, as suggested by Mr. Clarke, were made by interested parties. They had no doubt the lists were bona fide. The retailer was not bound by them, and yet he could, in fact, as against the public, take advantage of them. The Tribunal had come to the conclusion that there was an unreasonable profit, and that the average rate of profit was greater than before the war. The appeal would be dismissed.

Complaints.

PONTYCYMMER.—At the sitting of the Profiteering Committee on May 6, Mr. C. Davies, chemist, was the respondent in a case in which 2s. 3d. had been charged for an indiarubber sponge. The case was defended by the Chemists' Defence Association, Ltd. It was shown to the satisfaction of the Committee that the profit made was

reasonable, and the complaint was dismissed.

RICHMOND, SURREY.—At the sitting of the Profiteering Committee on May 10, a complaint lodged by Mr. H. Hyatt, photographer, against Parke's Drug Stores, Ltd., George Street, for having charged 3s. for 1 oz. of hydrokinone, was heard. Mr. Alfred Higgs, J.P., treasurer of the Thames Valley Pharmacists' Association, appeared for the respondents. The complainant stated that he was in the habit of buying hydrokinone for use in his business, generally in 1 lb. packages, and heing short be business, generally in 1-lb. packages, and being short he bought 1 oz. from Messrs. Parke. He had been offered it by Marion & Co., Ltd., on April 20, at 16s. per doz. 1-oz. bottles, or 15s. per lb. Johnson's list quoted it at 15s. per lb., and he had never known it exceed 22s. 6d. per lb. On inquiry at two local pharmacies, he was quoted 2s. 3d. per oz. Mr. Higgs, for the respondents, said that the prices quoted by complainant were for wholesale quantities, and, as complainant only asked for 1 oz., he was treated as a retail customer. The assistant who served him supplied him with 1 oz. troy weight, which was equivalent to 2s. 9d. per oz. avoirdupois. Complainant was wrong about the maximum price that hydrokinone had reached. Mr. Higgs quoted a wholesale list for July 1916, where the price was 3s. 8d. per oz. He could not find the date on which the article was purchased, but he relied on Section 1 (2) of the Profiteering Act. To-day's market price was 1s. 6d. per oz., and selling at 2s. 9d. gave a rate of profit of 45.5 per cent. a less ratio of profit compared with the pre-war rate of 66.5 per cent. The London Chemists' Price List quoted 5d. per drachm, which was equivalent to 3s. per avoirdu-pois ounce. This list stated that in no single instance is the ratio of profit greater than in 1914. Mr. A. R. Keith, chemist and druggist, gave confirmatory evidence. Mr. H. J. Parkinson, chemist and druggist, manager of the shop, who was called as a witness, said he could not trace the invoice. The Committee, after considering the case in private, decided that 9d. should be returned, on the ground that two other chemists had offered to supply hydrokinone at 2s. 3d. per oz.

THE CROSS of the Legion of Honour has been posthumously awarded to Lieutenant Guerbet (son of the Professor at the Paris School of Pharmacy).

MEXICAN JALAP.—The U.S. Consul at Vera Cruz reports that it will be several months before the natives will be able to gather jalap again in Mexico, as whole towns were destroyed by the earthquake in January last. We may add that there is no scarcity on the London market.

Legal Reports.

Linseed Oil Contract.—In the King's Bench Division, on May 7, Mr. Justice Bray, sitting without a jury, heard an action to recover damages for breach of contract brought by the Kennesette Oil Syndicate, Ltd., Fenchurch Street, London, E.C., against the Russell Oil and Chemical Co., York Works, Stratford. Defendants denied liability. Mr. Chas. Doughty appeared for plaintiffs, and Mr. P. E. Sandlands for defendants. Plaintiffs' case was that they bought from defendants two tons of linseed oil at a price of 651. 10s. per ton f.o.b. net, plaintiffs requiring the goods for shipment. They alleged that the defendants failed to deliver within a reasonable time, and sued for loss of profits due to the difference in market prices. Defendants' plea was that under the terms of the contract they were entitled by the custom of the trade to cash before delivery, and that they were informed by the plaintiffs' agents that payment could not be made under the arrangement at the moment; this was a repudiation of the contract, afterwards confirmed by telephone by plaintiffs. His lordship gave judgment for plaintiffs for 594. 15s., with costs.

Eshampoo Lotion Blamed.—In the Shoreditch County Court, on May 7, before Judge Cluer, the hearing was resumed and concluded of the action in which Joseph Ash, 26 Buckhurst Street, Bethnal Green, a hairdresser, asked for an award against Max Berg, a master hairdresser, 229 High Street, Shoreditch, under the Workmen's Compensation Act (C. & D., May 8, p. 49). Dr. Morris, of St. Bartholomew's Hospital, was called for plaintiff, and said that he had not seen the lotion, or had a chance of examining it, but in his opinion the condition of the man's hands might have been caused by the handling of a diseased scalp. Judge Cluer said that, in view of that evidence, the respondent must succeed. The doctor said the eczema could have been caused by handling a diseased scalp, and, if the applicant could have shown that it was so, it could have been held to have been an accident, although they might have had to go into it whether it was an industrial injury or not. That also might have been a difficult thing to prove, but they were not concerned with that at the moment, as he could not say there was any accident proved in this case. There was nothing whatever to connect the lotion with the accident. Judge Cluer then entered judgment for the respondent, with costs.

Glauber's Salt Case.—At St. Albans, on May 6, Mr. Herbert William Pike, chemist and druggist, 215 Hatfield Road, was summoned for selling Glauber's salt not of the nature, substance, and quality demanded. Formal evidence having been given concerning the presence of an excess of lead in the salt, Mr. Ottoway, for the defence, put in a warranty which stated that "we guarantee every article labelled 'B.P.' to comply with official requirements." Mr. and Mrs. Pike gave evidence, the former producing his invoice, and stating that special precautions were taken to clean the jar into which the salt was put. He certainly thought that he had purchased from the finest chemical manufacturers in the world, and was perfectly satisfied with the "B.P." warranty. He had been warned that the salt contained an excess of lead, and the whole of the old consignment had been removed, and a new consignment obtained. He did not dispute the analyst's test that this sample contained fourteen parts of lead per million, but it was impossible for him to test the supply, apart from the warranty. He had since refused the sale even of this warranted supply. The magistrates' clerk pointed out that the guarantee contained the words "as far as possible," and the Bench decided to adjourn the case for a week in order to consider whether such a warranty came within the statute.

Action for Libel.—In the King's Bench Division, Dublin, before Mr. Justice Samuels, on May 11, in the action of Dr. William John MacElhinney, Ph.C., of 69 Morehampton Road, Donnybrook, co. Dublin v. James Quinn, B.A. (C. & D., May 8, p. 49), Mr. Arthur Clery, B.L. (instructed by Reddin & Reddin), for the

defendant, applied for an order authorisin the of subnumus duces tecum directing the attende at trial of the action of Sir Joseph McGrath, LD secretary of the Royal University of Irelan and registrar of the National University of Irelan and registrar of the National University of Irelan and registrar of the Royal College of Physicians at a College of Surgeons in Ireland; Mr. Arthur Fregistrar of the Pharmaceutical Society of Irelan Mr. Samuel E. Minnis, comptroller of H.M. amount of the Pharmaceutical Society of Ireland Mr. Samuel E. Minnis, comptroller of H.M. amount of the Pharmaceutical Society of Ireland Mr. Samuel E. Minnis, comptroller of H.M. amount of the plaintiff had been personated at Melation examination by a certain person whoster not mentioned. The defendant had pleade the statement was true. The person alleged the davit of Mr. Reddin, solicitor, who stated the her was brought against the defendant to recover for libel in the writing and publication of cein relating to the character of the plaintiff and or junction. The action would come on for all 4th inst. In the advice for proofs, as give by counsel, the defendant was advised that the tendent was necestrated to the proof of the gentleman mentioned was necestrated the plaintiff and or junction, the defendant was advised that the tendent was necestrated to the plaintiff and or junction. The action would come on for all 4th inst. In the advice for proofs, as give by counsel, the defendant was advised that the tendent was necestrated the plaintiff and

Bankruptcy Report

Re Perry Mills & Co. (Joseph Algeria Duke and Henry Slater trading as), merchants at a 61-2 Gracechurch Street, London, E.C. The m in August last, and the estate was wound up ir ankn by Mr. C. L. Sixsmith as trustee. An appation made on April 27 to Mr. Registrar Mellor at le Lo Bankruptcy Court for orders of discharge c beha the bankrupts (C. & D., December 13, 1919, 66). Official Receiver reported that the proved a prodebts amounted to 15,1751, the assets, alued 3,1371. 12s. 6d., had so far realised 4401. 19s. , and future realisation depended upon the sale of le ba of the stock. The dividend payable to the ground be very small, if anything at all. As ence Official Receiver reported (1) insufficiency equal 10s. in the £ on the amount of the unseed here. ties, and (2) trading with knowledge of insolney. Tindale Davis appeared for the bankrupts in upp the application. He submitted that it was very case of misfortune, and that the failure was tird to the Armistice and its consequences. He pute allegation of trading with knowledge of instence asked for the discharges to be given subject judge being entered against his clients for 10%, each Mr. M. trar Mellor said the learned counsel had not deroved charge of trading with insolvency, but in this are not a serious offence. The bankrupts were to just in trading after March 1919, and the Officia Recorreport on that point must be upheld. Had r. I Davis offered to consent to a substantial jument Court might have considered the proposal, ut have regard to the amount of the liabilities an the realisation, he was unable to regard it as a c in wa an immediate discharge could be granted subjeto an judgment. The discharges would be suspend for years. Orders entered accordingly.

Re George Edward Ellis Newton (tradg as a Newton & Co.), 74 Great Tower Street, Loon Echemical merchant and exporter. This debtor-tended April 23, before Mr. Registrar Francke, at le Landau L

h he commenced business as above in 1916 with capital of 50%. During the first eighteen the trading he made a net profit of about wh which he purchased stock, but towards the 13 the business decreased owing to the restric-ports and the Government control over chemimediately after the Armistice his business came antill, and in December 1918 he had to borrow orlenders, with whom he had considerable deali he date of the receiving order in October 1919.
borrowed money was used for his business,
rads he employed it to pay off previous loans. mitted that he should have consulted his credinately after the Armistice, but he always hoped I to pull through. The books contained a comof his trading until May 1918, when the bookle him, and subsequently he did not keep full the transactions. His cheque-book, however, who w the money had been expended. No loss accounts nor balance sheets were ever preone of the latter was in course of preparation de of the bankruptcy petition, for the purpose ersion of the business into a company. as knocked on the head by these bankruptcy It was the fact that he did not realise his till the very end. Some of the bills given to mrs were of an accommodation character, and as collateral security. Witness attributed his toss of business owing to shipping restrictions, ment control of chemicals, and to stagnation ollowing the Armistice. He estimated that 1,500% through depreciation in the value of kn trade, while the interest charges amounted M. Asked regarding a cheque of 201. the acitted that he received it two days before the othe receiving order, and after his solicitor had an adjournment of the hearing of the bank-ption. He did not know at the time that he itled to the money, and he used it in payment daccounts. He made a profit of 250*l*. on the hifreehold house at Croydon. On the application ial Receiver the sitting was adjourned for one

New Companies and Company News.

m ns Private Company and R.O. Registered Office.

OLITAN DENTAL SUPPLY AND MANUFACTURING Co., (1).).—Capital, 1,0007. Objects: To carry on indicated by the title. R.O.: 161 Strand, C.

ROAD PHARMACY, LTD. (P.C.).—Capital, 500l.: Fo carry on the business of chemists, drugulers, etc. R.O.: 187 Worple Road, West d., London, S.W.

NNING & Co., Ltd. (P.C.).—Capital, 1,2001.
To acquire the business of W. J. Henning, reet, Larne, trading as "McMullan's Medical he first directors are: W. J. Henning and enning. R.O.: 16 Main Street, Larne.

As SOAP PROPRIETARY Co., LTD. (P.C.).—5001. Objects: To take over from T. P. Owen in the manufacture of an anti-rheumatic tildic soap, to be known as the "Seven Spase the "S.S.S."), and to carry on the business inufacturers, shippers, brokers, etc. The first e: T. P. Owen and J. Balfour Brown. R.O.:

o, ID. (P.C.).—Capital, 25,000l. Objects: To the business of a manufacturer and distributor and or, and dealer in toilet, perfume, and other al medicinal preparations carried on by J. de 26 High Holborn, W.C., and 14 Bartlett's Builder as the "Lysle Perfume Co."—The first directed De Lysle (managing director), Major G. D. A. Weller. R.O.: 43 Berners Street, London,

Hygex, Ltd. (P.C.).—Capital, 2,000l. Objects: To carry on the business of druggists, chemists, manufacturers of and dealers in pharmaceutical, medicinal, chemical, toilet, and other preparations, opticians, spectaclemakers, etc., and to adopt an agreement with B. W. Ellis and G. A. Sanderson for the acquisition of the trade-mark "Hygex." The first directors are: G., Annie E., and F. Bourdaud'hui, 69 Effra Road, Brixton, S.W.; W. G. Haydon, Sylvamore, Clacton-on-Sea; H. R. Herbert, 126 Barry Road, East Dulwich, S.E.; G. A. Sanderson, 39 Bonham Road, Brixton, S.W.; M. Alion, 3 Vernon Terrace, Brighton; and B. W. Ellis, 10 Devonshire Mansions, St. James's Street, Brighton. R.O.: 4, 5, and 6 King Street, Cheapside, London, E.C.

BRITISH GLUES AND CHEMICALS, LTD.—Capital, 2,000,000/. Objects: To acquire, co-ordinate, and develop the businesses of The Grove Chemical Co., Ltd., Wigan; Charles Massey, & Son, Ltd., Newcastle, Staffs, Market Harborough, and Stoke-on-Trent; Meggitts (1917), Ltd., Sutton-in-Ashfield; Quibe'l Bros., Ltd., Newcark (except the sheep-dip and disinfectant business); J. & T. Walker (1917), Ltd., Bestwood Colliery, Nottingham; Weaver Refining Co., Ltd., Acton Bridge, Ches.; Williamson & Corder, Ltd., Newcastle-on-Tyne; and to manufacture and deal in glue, gelatine, edible and technical fats and greases, fertilisers, calcined bones, phosphoric acid, and its derivatives, etc. R.O.: Imperial House, 15-19 Kingsway, London, W.C. 2.

German Chemical Dividends.—The Höchst Dye Works realised during the past year a net profit amounting to 24,216,800 marks, as compared with a net profit of 14,955,000 marks in the preceding year. The dividend paid out for the past year has been fixed at 14 per cent., against 12 per cent. in the preceding year. The Farbenfabriken, formerly Friedr. Bayer & Co., made a net profit amounting to 29,077.840 marks (13,088,188 marks in the preceding year), and are distributing a dividend of 18 per cent. The Chemische Fabrik auf Aktien, formerly E. Schering, in Berlin, is paying 4.5 per cent. on the preferential shares, and 18 per cent. on the original shares, as in the preceding year.

National Drug and Chemical Co. of Canada.—The report for the year ended January 31, 1920, states that, after paying all trade expenses, salaries to directors and officers, providing for bad debts and dividends, there remains 25,5141. The trading profit for the year, after making provision for war taxation, is 59,4001. In April 1919 the company purchased a 94-per-cent. interest in the business of Palmers, Ltd., Montreal, which has proved a successful investment. The control of the Johnston & Boon Co. has been acquired. This should prove a profitable undertaking. During the year the company placed in the hands of the trustees for the first preference shareholders for the purchase of shares by way of redemption the sum of 7,5001., and, in addition, 5,0121., representing dividends on redeemed shares. The number of shares redeemed during 1919 amounted to 12,945, bringing the total up to 86,769 at February 1, 1920. 8,3491. remained in the hands of the trustees at the close of the year.

Gazette.

Bankruptcy Acts.

ADJUDICATION.

Teague, A. H., carrying on business as Montgomerie & Co., 42 Albany Road, Cardiff, herbalist.

Partnership Dissolved.

STEED, F. V., and DROPPERT, A. C., 74-82 King Street, Rochester, manufacturers of soaps, concentrated soappowders, toilet-creams, and metal-polishes, under the style of The Vivian Soap Co., so far as concerns A. C. Droppert. 52

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

Cost of Administering the Profiteering Acts.

The financial resolution providing for expenses incurred under the Profiteering Act and the Amending Bill, to an amount not exceeding 120,000/., was introduced in the House of Commons on May 3, and after further discussion on May 4 was passed.

NEW POSTAL RATES.

These are to come in force on June 1 as regards letters. The charge for inland letters not exceeding 3 oz. in weight will, on and after that date, be 2d., and another halfpenny stamp will be required for each additional ounce. The rate for inland postcards will be increased to $1\frac{1}{2}d$, as soon as the international rate can be raised.

EXPORT OF FERTILISERS.

The Fertilisers (Temporary Control of Export) Bill, which was read a second time in the House of Lords on May 6, proposes to continue for two years the power of controlling the export of fertilisers which has been exercised during the war by Proclamation or Order in Council under the Customs and Inland Revenue Act, 1879. The object is to prevent a sudden increase of price when the present powers tapse.

Excess Profits Duty.

The resolution dealing with the excess profits duty was agreed to by the Committee on Ways and Means on April 28. In the course of the debate the Chancellor of the Exchequer said he is prepared to consider what alleviation he can make in the burden which falls on small or new businesses, and un cases where men are trying to establish themselves in business after serving their country in the war.

DYE IMPORTS.

Sir R. Horne stated in the House of Commons on May 10 that the importation of dyestuffs from any source, except under licence, was prohibited until the date of the Sankey judgment. This prohibition was maintained until that date for the purpose of promoting the dye-making industry in the United Kingdom, in order to safeguard the country from a recurrence of the difficulties which arose from pre-war dependence upon foreign sources of supply.

RENT RESTRICTION BILL.

It is stated that the Government has decided to include business premises within the scope of the Rent Restriction Bill. The proposal will be that an aggrieved tenant of business premises should have the right of recourse to the County Court and that the Judge should have power to revise the rent proposed. The Judge will also have power to make an order directing that the execution of necessary repairs shall be a first charge upon any increase of rent.

EXPORT LICENCES.

Mr. Bridgeman, on May 5, asked in regard to the principles upon which the Board of Trade grants licences, said applications for export licences are considered on their individual merits in consultation with any other Department interested, and account is taken both of the state of supplies and requirements in this country and of the importance of maintaining and extending export trade so far as practicable. As regards food commodities, the Board acts on the advice of the Ministry of Food; and in the cases of arms and ammunition and narcotics it is guided by the principles laid down in the Convention for the control of the trade in arms and ammunition and the International Opium Convention.

BRITISH OIL WELLS.

Mr. Kellaway, on May 11, stated in the House of Commons that of the eleven wells which have been drilled in this country, one has been abandoned owing to the difficulty of shutting off large quantities of water which were encountered. Traces of oil have been found in five

wells, and one well, at Hardstoft, in Derbyshire's duced oil in quantity. This well has a hatura or fifty barrels per week. An experiment in balm of that it would be possible to increase this quantity 250 barrels per week. The total amount of oil to date is about 2,800 barrels, or 100,000 gallons, is being retained in storage pending a decision question of oil rights in this country. Drilling ceeding in nine other wells, and it is hoped that shortly be completed.

METHYLATED SPIRIT AS A BEVERAGE.

Mr. Clough, on May 5, asked the Minister of this attention has been called to the alleged growd consumption of deleterious compounds, such as not spirit, among people affected by the high scarcity of ordinary stimulants; whether his Data has any information on the subject; and what taking in the matter.

Dr. Addison replied: No evidence has been light my notice of the growth of the practice referring have I any special information on the subject.

Mr. Clough also addressed a similar quest to Chancellor of the Exchequer, who replied that did share the apprehension of the hon, member the were driven to consume deleterious compounds the high price and scarcity of ordinary stimulan

PROFITEERING (AMENDMENT) BILL.

The Standing Committee of the House of meconsidered this measure on May 11 and 12. Che I vides that the Board of Trade may approve of a submitted by an association of traders limiting to be allowed on the manufacture or distribut article or class of articles to which the pripal applies, and, where any such scheme is so appear profit made on the sale of any article to which the relates, which does not exceed such profit, all deemed unreasonable. Sir William Raeburn was amendment providing that, where the Board of rader satisfied that steps have been taken to secure a desupply to the home market in accordance with proved scheme of all articles to which the 2 and which are produced by traders concerned, a may by Order exempt such traders from the catacter of the publication of confidential information obtad by Board of Trade. On a division the clause gir per to withhold such information was carried.

AMENDING THE VENEREAL DISEASE A

The Parliamentary Committee of the Soci tor Prevention of Venereal Disease convened a setup the House of Commons on May 12 for the menabling supporters of the Society to lay it before Members of Parliament with the object setup their practical support. The meeting was alrest their practical support. Statistics were qual with showed an increase in venereal diseases, pointed out that deaths of children caused had gone up from 30 per cent. to 50 per cent. That the number of children born blind had cent., and that 340,000 cases of venereal occurred in the Army during the four years occurred in the Army during the four years mentary Committee with the immediate object present decided to become members of a product of the Act of 1917, by which amounts of the Act of 1917 amounts of the Act of 1917 amounts o

The Next Cash Register (?)—A Willesden lopker a correspondent informs us, has fixed a bill in a wind announcing that any customer feeling aggrid at price charged will, on application, be given disal cost of the article and the profit made. It suggests that cash registers might be adapted to the purpose that customers would see recorded not only as among their purchases, but also present and present and

Chemical Society

moing of the Chemical Society held at Burlington, Ldon, W., on May 6, the President, Sir James P. R.S., announced that the new by-laws which had been at the extraordinary general meeting would fin June 1, from which date women would like the control of the paper read by Mr. and dealt with the investigations conthe author to establish the nature of the highest which the shells were filled. The product, the formula SC₄H₈Cl₂+S, while that obtained et as the sulphur in a colloidal form, or, according reene, in a new combination, represented by

 $\begin{array}{c} \mathrm{ClCH_2CH_2S} - \mathrm{CH_2CH_2Cl.} \\ \parallel \\ \mathrm{S} \end{array}$

b found that the molecular weight of the second a 185, theoretically it should be 191, while the riveight of the primary form is 159. The second heg a colloidal solution, exhibits high viscosity, fezing, sulphur crystallises out of the solution. If. Morgan (with Mr. H. D. K. Drew) read a rorthochlorodinitrotoluenes, in which he dwelt vestigations regarding the nitration products, entation, of these bodies, a result of the studies in using dinitrochlorobenzene as a source of

in using dinitrochlorobenzene as a source of The constitution of the various products was subject of careful study. The Formation and of Associated Alicyclic Systems, Part I., was je of Prof. J. F. Thorpe's paper (with Mr. R. M. In the first part of the paper the behaviour of max substances possessing two asymmetric carbon with discussed, and illustrated by means of slides, sond part of his paper he discussed the nomenosome derivatives of methane III cyclo-propane, ted a new bas's for the nomenclature of complex of this class. Prof. Thorpe alluded to the ention on nomenclature, and to the use of trivial, so purely chemical, designations for chemical soointing out that in dealing with many complex iwas a practical necessity to retain the use of nomenclature for substances such as pinene, and docaine

nt paper, from the Wellcome Chemical Research tees, on Orientation of the Nitro- and Arylazoin: Fission of the Glyoxalone Nucleus, was r. R. G. Fargher. The experiments, a continuae author's earlier work with Professor F. L. alt with the direct determination of the orientatinitroglyoxalines by their reduction and accomsion in acid solution. It was shown that nitroin and nitro-2-methylglyoxaline yielded glycine,
10-4-methylglyoxaline yielded a-alanine, these
semonstrating the course of the reaction and
the nitroglyoxalines to be correctly formulated
the ritroglyoxalines to be correctly formulated
the ritroglyoxalines with formation of the
and 3:4 positions yielding the simple amino

$$\begin{array}{c|c} C^{5}H-N^{1}H & CH-NH \\ \hline \\ C^{2}H & NH_{2}.C-N \\ \hline \\ CH_{2}-NH \\ \hline \\ CH_{2}-NH_{2}.CH_{2}CO_{2}H \\ \hline \\ CO-N \\ \hline \\ (III.) \\ \end{array}$$

Nitro-2-methylglyoxaline also yielded a-amino-a-imino-ethane, fission between the 1:5 and 3:4 positions taking place. This reaction is of interest in view of the formation of guanidine in the reduction of 2-benzeneazoglyoxaline and the supposed relation of creatine to methylguanidine in the organism. The formation of guanidine is probably due to the intermediate production of 2-amino-4-anilinoglyoxaline, which then undergoes hydrolysis and fission, as in the case of the 4-amino-glyoxalines. In only one case—that of nitro-4-methylglyoxaline—was the amino-glyoxaline obtained, and the properties of the 4-amino-glyoxaline obtained, and the properties of the 4-amino-glyoxaline obtained the course of the reaction, the method was applied to the 4-arylazoglyoxalines to obtain direct proof of the constitution. These also yielded glyoxalone derivatives sufficiently stable to enable them to be isolated and characterised.

Society of Public Analysts.

A MEETING of the Society of Public Analysts was held at the Chemical Society's Rooms, Burlington House, London, W., on May 5, Mr. Alfred Smetham (President) in the chair, at which a paper was read on the Estimation of the Age of Ink in Writing, by C. Ainsworth Mitchell. The author dealt with the importance of knowing dates of alteration in composition of inks, and described the various compositions. He distinguished between old and modern inks and imitations of old inks. Changes during oxidation, and methods of recording changes of colour were given, also copying methods of estimating age. chemical tests, and artificial ageing of inks. Various law cases bearing on the points dealt with are mentioned. A paper on *The Examination of Chinese Crude Camphor*, by Mr. E. R. Dovey, followed. The amount of camphor oil present was determined by submitting a 100-gram portion to pressure in a steel press, and from the weight of the pressed cake the loss of water and oil was found. The moisture may be determined on the original sample and also on the pressed cake by the calcium carbide or other method, and by difference the weight of water lost in pressing is found. This subtracted from the total liquid expressed gave the amount of oil expressed. 'It was assumed that the water remaining in the sample was associated with as much oil as that in the expressed liquid, and the total oil present calculated on that basis. Mr. H. Droop Richmond and Miss Edith M. Ison then gave A Volumetric Method of Estimating Iron. The method described is applicable in the presence of hydrochloric acid, phosphorous oxy-acids, and organic matter, and was primarily devised for the estimation of iron in Colouring matter is destroyed and the iron converted to the ferric state by means of potassium per-manganate in the presence of hydrochloric acid. Strong hydrochloric acid and sodium bicarbonate are then added to produce a CO, atmosphere, and the ferric iron then titrated with N/10 stannous chloride using thiocyanate as indicator. The paper included detailed hints upon the manipulation of the method.

New Chemical Company in Alsace.—Under the style of Société Alsacienne de Produits Chimiques, a new company has been formed with a share capital of sixteen million francs, which is taking over the Société de Thann et Mulhouse (formerly Kestner), and the works of La Rochelle-La Pallice. The latter produce, among other materials, synthetic camphor and vegetable butter, and the former works chiefly aniline dyes.

IRREGULAR PRESCRIPTIONS.—It is stated that the decree of September 14, 1916, which provides that prescriptions for certain poisonous substances in France shall be in the doctor's own handwriting, is being ignored by certain hospitals, where the doctors have forms printed and a rubber stamp serves as a signature. The Director of the School of Pharmacy informed the Prefect of Police of this irregularity, and the pharmaceutical Press is putting pharmacists on their guard as to the risks they run in dispensing such prescriptions.

Drug-workers' Strike.

A STRIKE of about 2,000 drug-workers in the London wholesale trade began on May 10, when the members of the staff of Eyans Sons Lescher & Webb, Ltd., who are members of the National Warehouse and General Workers' Union, came out. On May 11 the strike extended to the employes of Burroughs Wellcome & Co. and the Society of Apothecaries, and on May 12 those of Smith & Co., Southwark, came out. The origin of the strike is traceable to the judgment of the Industrial Court which was delivered in April. By the previous wages agreement the workers have the right to call for a revision of terms in February, June, and October, and the Court which sat last month considered the claim made in February for an increase in the remuneration. The judgment refused the increase asked for. The following is the text of the award:

Industrial Court Judgment.

The judgment was given on April 24 of the Industrial Court, held in London on April 8, to consider a claim for advance in wages in the drug and fine chemical industry. The parties to the arbitration were: (a) National Warehouse and General Workers' Union, National Union of General Workers, National Union of Shop Assistants, Warehousemen and Clerks, Dock, Wharf, Riverside and General Workers' Union, Workers' Union, National Federation of Women Workers; (b) Amalgamated Society of Pharmacists, Drug and Chemical Workers, and the Drug and Fine Chemical Manufacturers' Association.

Terms of Reference.—The unions specified under (a)

above made application for:

(i) A general advance of 10s; per week for all male adult workers

(ii) An advance of 7s. 6d. per week for all male workers

eighteen years of age and under twenty-one.

(iii) An advance of 5s, per week for all male workers sixteen years of age and under eighteen.

(iv) An advance of 2s, 6d, per week for all male workers under sixteen years of age.

An advance of 10s, per week for all adult female workers.

(vi) An advance of 5s. per week for all female workers sixteen years of age and under eighteen.

(vii) An advance of 2s. 6d. per week for all female workers under sixteen years of age.

and also made application to decide:

(a) Whether either party has during the continuance of the agreement the right, without the six months' notice being given, to raise the question of hours and holidays; and, if such right exists—

(b) Whether, failing a decision by a Joint Committee of the Association and the Unions, either party has the right to have the dispute submitted to arbitration.

The union specified under (b) above made application for an increase of 10s, a week to all adult males, 5s, a week to all adult females, and 2s, 6d, a week to all juniors as from the first pay-day in April 1920.

1. The matter was referred under the Industrial Courts Act, 1919, by the Minister of Labour to the Industrial

Court for settlement.

2. Representatives of the parties were heard in London

on April 8, 1920.

3. An agreement entered into between the Drug and Fine Chemical Manufacturers' Association and various unions specified above under (a) provided that the Committee on Production should in the months of February, Juue, and October in each year hear representatives of employers and workpeople to consider what alteration, if any, should be made in the amount of war advance then being paid to the various classes of workpeople. After the Armistice the Interim Court of Arbitration established under the Wages (Temporary Regulation) Act, 1918, took the place of the Committee on Production under the agreement by consent of the parties.

4. On December 17, 1919, a new agreement was entered into between the parties, which provided for rates of wages and working conditions under the following heads:

(1) Hours of work, (2) evertime, (3) holidays, reformed wages, (5) revision of rates of wages, (6) applied hours of work, (7) output, (8) disputes, (9) applied agreement, (10) general proviso, (11) cancellation agreement, (12) duration.

5. By Clause 5 of the agreement:

Either party to this agreement, by giving the days' notice, may make application in the February, June, and October to revise the rate provided for in this Agreement. In the event of to agree on any such claim it shall be submit Arbitrator to be agreed upon between the parties agreement, to an Arbitrator appointed by the

6. It was stated at the hearing that the pret set out in Part (1) of the terms of reference is reof an application made in February 1920, under of the agreement. No settlement having been in between the parties, it was agreed to submit to the Industrial Court for settlement.

7. The point raised under Part (2) of them reference is one of interpretation arising o

agreement of December 1919.

8. The claim for an advance was support on main grounds: (1) increased cost of living, and) of work done.

9. The latest advance was one of 5s, a wg adult male workers and 2s, 6d, a week to all act workers, and took effect on and after the Day-day in January 1920.

10. According to the published official retts,

has been no material alteration in the cost of lag

the last advance was given.

11. The Manufacturers' Association submitteen to show that the state of the industry is su the the present time the industry could not stand rise in wages or other extra burden. The extra is suffering from competition from other coules. any rise in the cost of production would st to hamper the industry. The evidence further steel the home trade was not active, and that genely was a falling demand in the home and exp tra It was also argued that while the wages bill hance threefold, the output had remained substantiall he

12. The representatives of the unions did names case so set up by the manufacturers with a eff

evidence.

13. The representatives of the unions further that the nature of the work done justified her nof pay. The rates now paid are paid as of late, pre-war or basis rate and the advances given the war period being merged into one consolidated a rates were the subject of adjustment last ver and embodied in the agreement of December 17, 191 and the subject of December 17 rates, plus 5s. per week given last January, at the n now being paid, except in certain district n special circumstances may exist. The minimulates payable to male workers twenty-one years age over are 65s. per week for Class I. (proce w drug-grinders, pill and tablet makers, and certain 62s. 6d. per week for Class II. (packers for trapod countermen), and 60s. per week for Class leaves and labourers); and to female work years of age and over 40s. per week for Cla I. class counter hands), 38s. per week for Class (p) tablet and suppository makers, process worke, 35% per week for Class III. (counter hands), a 300 per week for Class "IV. (bottle-washers and finisher) Junior workers are paid corresponding rates.

14. The Amalgamated Society of Pharmacis Drog Chemical Workers are not parties to the a ement December 1919. but associated themselves we the

as presented by the other unions.

15. The Court hesitate to interfere with tes whave been so recently adjusted by the part unless strong or exceptional case is made out, and such as been made out here. They have come the clusion that in view of the recent adjustme of the specific advances in August 1919 and Juan I the official returns as to cost of living, and e state

ndury, the claims for an advance at the present time noteen made out.

e dision of the Court on the point raised under 12 if the terms of reference is as follows:

out; the continuance of this agreement no trade n party to it, shall negotiate for any variation than individual company or firm, also a party greement.

onths' notice of any proposal to determine this ent shall be given by either party.

THE EMPLOYERS' STATEMENT.

eciation of Drug and Fine Chemical Manufacwhich Evans Sons Lescher & Webb, Ltd., and Wellcome & Co. are members, on May 11 following statement in regard to the strike :

sociation, consisting of about sixty firms, was the instigation of the Ministry of Labour to act unference with a group of trade-union representation which the Association and the Union representation which the Association and the Union representations and at other times both sides have are signatories advances have been made volun-the Association, and at other times both sides have, nee with the terms of the agreement, submitted to arbitration by the Industrial Court. On some the arbitration award has been in favour of the on others in favour of the workpeople. Both hitherto abided by their agreement. In April rial Court considered a claim from the unions, d that in view of the voluntary advances made in d that in view of the voluntary advances made in vast, the unious had not established a case for a vance in April. In consequence of their dissatists the finding of the arbitrators, the members of all Warehouse and General Workers' Union emthe works named have, without notice, ceased a secretary of the union, who are party to the states that the strike is not recognised by his that he is urging his members to return to work, als that the action is evidence of the strongest distant the part of his workers at the terms of the durges the Association to make an effort to secure the Committee of the Association met the union he Committee of the Association met the union tives on May 8, and, after considering their arguideparting from the award, came to the following which was communicated to the unions:

I't, despite the fact that the matters in issue had cided by the Court of Arbitration, the Committee Drug and Fine Chemical Manufacturers Associa-Drug and Fine Chemical Manufacturers' Associate, at the urgent request of the union representagreed to hear their representations on the point by regard the award as unsatisfactory. Having diese representations, the Committee is of opinion thing has been put forward which was not before Crt of Arbitration, and that they are unable to upon the members of the Association to depart from a rd. The Committee point out that the agreement is an opportunity for the unions to put forward celaim in June, and they look with confidence to upon representatives to use their influence in seeing the terms of the agreement are complied with."

peting of the Association on May 11 unanimously papprove of the action of the Committee.

Sons Lescher & Webb. Ltd., have issued the folrcular to their workers:

lowing are facts we want our workpeople to know: the employers' Association has a signed agreewh the trade unions, acting on behalf of the work-

b accept arbitration.

Tome occasions the arbitration awards have been in the employers, and on others in favour of the le. Both sides have hitherto abided by this agree-

The last award, however, the workpeople have struck he secretary of the union has telegraphed that the not recognised by the union.

April 8, when the Court of Arbitration considered the rise in the cost of living was 132 per cent.

T agreement provides for a fresh case to be con-

NEWSPAPER COMMENTS.

stated that the strike is likely to extend to the and that the Ministry of Labour is taking steps i about negotiations. In the course of an inter-in the secretary of the men's union, published in

a London evening paper, mention was made of the fact that the employers are obtaining chemicals from Germany. It was also stated in the "Star" that

In the ranks of the strikers at the London manufacturing chemists are many persons who work in their spare time at dispensaries and hospitals or for doctors. They are not qualified dispensers by examination, but are competent by experience and long years of training in handling drugs and poisons.

Wills.

MR. FRANK COOK, of Lonsdale Road. Scarborough, chemist and druggist, who died February 9, left property valued at 250.

MR. JACQUES BERTHOLD SCHLESINGER-DELMORE, Ph.D., Barsdorfs Buildings, Marshall Street, Johannesburg. a director of the New Transvaal Chemical Co., Ltd., who died on September 14, left property in the United King-dom valued at 89,705%. 9s. 1d., with net personalty 71,561/. 13s. 6d.

MR. CHARLES LEWIS HUGHES, The Square, Abercarn, MR. CHARLES LEWIS HUGHES. The Square, Abercarn, who died on February 18, left estate of the gross value of 4.814l. 13s. 3d., with net personalty 2.879l. 3s. 9d. Probate of his will has been granted to his brothers, Mr. Joshua Arthur Hughes, chemist, of The Square, Abercarn, and Mr. David Morgan Hughes, surgeon, of 22 Southwood Lawn Road, Highgate, N. The testator left all his shares in his business, two leasehold shops at Ebbw View Tree, Newbridge, Mon., his household and personal effects, and cash in house or at bank, to his brother Joshua Arthur Hughes, and all his other property equally between his two brothers and two sisters.

Mr. Hermann Woolley, Fairhill, Bronghton, Manchester, Chairman of James Woolley, Sons & Co., Ltd., manufacturing chemists, Manchester, who died on Februmanuacturing chemists, Manchester, who died on February 27, left estate of the gross value of 129,584. 1s. 2d., with net personalty 127.040l. 17s. 8d. Probate of his will dated September 3, 1915, has been granted to his nephew, Edward James Woolley. The testator left his residence and household effects to his sister Jane Ann Woolley, 5,000/. to his executors with the request, but creating no trust in the matter, that they will apply this sum in accordance with his wishes, 800 shares in James Woolley, Sons & Co., Ltd., upon trust for his niece Edith Dutton Woolley and her issue, 800 such shares to his nephew, Percy Woolley, and the balance of his shares in that company to his nephew, Edward James Woolley. The residue of his property he left as to three parts upon trust for each of his sisters, Jane Ann Woolley, and Florence Buckley, and two parts upon trust for each of his nephews and nieces, Eric C. Woolley, John P. Bnckley, George B. Heywood, Ethel Galeotti, Lilian Heywood, Doris Kathleen Farrar, and Mildred Schweigaard.

In a letter to "The Daily Mail" of May 7, Mr. Edward B. Kendall, Ph.C., 6 Couey Street, York, protests against "the old-fashioned delusion" that bad weather is good for the chemist. Chemists, he says, sell many other things besides "cough and cold" cures.

New Uses for X-Rays.—Lecturing at the Royal Institution, London, on April 15, Major G. W. C. Kaye said that in his endeavour to get the better of photography, which was on his track by recording his finger-prints, the criminal had resorted to the device of smudging the skin to cover up the pattern. But radiography had come in to give the most minute reproduction of the skin through the smudge. The method was now under examination by the Criminal Investigation Department, and would probably be adopted there. Illustrations were also given of the application of the x-rays to the examination of industrial products. Miles of cable had been so examined during the war, and in one case it was demonstrated that the loss of a seaplane was due to a badly centred conducting wire. Of two batches of tooth-brushes the structure of which was exposed by the rays those of English manufacture showed the bristles securely wired, while in the others they were just "stuck in."

A Bill

To Regulate the Importation, Exportation, Manufacture, Sale and Use of Opium and other Dangerous Drugs.

BE it enacted by the King's most Excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the authority of the same, as follows:

PART I. RAW OPIUM.

Restriction on Importation of Raw Opium .-- 1. It shall not be lawful for any person to import or bring into the United Kingdom any raw opium except under licence and into

Kingdom any raw opium except under licence and into approved ports.

Restriction on Exportation of Raw Opium.—2. (1) It shall not be lawful for any person to export from the United Kingdom any raw opium except under licence and from approved ports and except in packages marked in the prescribed manner with an indication of the contents thereof.

(2) If at any time the importation of raw opium into a foreign country is prohibited or restricted by the laws of that country, there shall while that prohibition or restriction is in force, be attached to every licence which is issued by a Secretary of State under this Act authorising the export of raw opium from the United Kingdom, such conditions as appear to him necessary for preventing or restricting, as as appear to him necessary for preventing or restricting, as the case may be, the exportation of raw opium from the United Kingdom to that country during such time as the importation of raw opium into that country is so prohibited or restricted, and any such licences issued before the prohibition or restriction came into force shall, if a Secretary of State by order so directs by downed to be advented to the prohibition of the country so directs by downed to be advented to the professional came into force shall, if a Secretary of State by order so directs by downed to be advented to the professional came into force shall, if a Secretary of State by order so directs, be deemed to be subject to

of State by order so directs, be deemed to be subject to the like conditions.

Power to Regulate the Production of and Dealing in Raw Opium.—3. Provision may be made by regulations for controlling or restricting the production, sale, and distribution of raw opium, and in particular, but without prejudice to the generality of the foregoing power, for prohibiting the production, sale, or distribution of raw opium except by persons licensed or otherwise authorised in that behalf.

PART II.

PREPARED OPIUM.

Prohibition of Exportation or Importation of Prepared Opium.—4. It shall not be lawful for any person to import or bring into, or to export from, the United Kingdom any prepared opium.

Penalty for Manufacturing, Selling, Using, etc., Prepared Opium.--5. If any person—
(a) manufactures, sells, or otherwise deals in prepared

opium; or

(b) has in his possession any prepared opium; or (c) being the occupier of any premises permits those premises to be used for the purpose of the preparation of opium for smoking or the sale or smoking of prepared opium; or (d) is concerned in the management of any premises used

(a) is concerned in the management of any premises used for any such purpose as aforesaid; or
(e) has in his possession any pipes or other utensils for use in connection with the smoking of opium or any utensils used in connection with the preparation of opium for

(f) smokes or otherwise uses prepared opium, or frequents any place used for the purpose of opium smoking;

he shall be guilty of an offence against this Act.

PART III.

COCAINE, MORPHINE, ETC.

Restriction on Import and Export of Cocaine, etc.—6. It shall not be lawful to import or bring into, or to export from, the United Kingdom any drug to which this Part of

this Act applies oxcept under licence.

Control of Manufacture and Sale of Cocaine, etc.—
7. (1) For the purpose of preventing the improper use of the drugs to which this Part of this Act applies provision may be made by regulations for controlling the manufacture, sale, possession, and distribution of those drugs, and in particular, but without prejudice, to the generality of the

foregoing power, for—

(a) Prohibiting the manufacture of any drug to which this Part of this Act applies except on premises licensed

this Part of this Act applies except on premises meansed for the purpose; and

(b) Prohibiting the manufacture, sale, or distribution of any such drug except by persons licensed or otherwise autho-rised under the regulations; and

(c) Regulating the issue by medical practitioners of pre-scriptions containing any such drug and the dispensing of

any such prescriptions; and

(d) Requiring persons engaged in the manuture or distribution of any such drug to keep such furnish such information either in writing or here.

furnish such information either in writing or here may be prescribed.

Drugs to which Part III. Applies.—8. (1) I do which this Part of this Act applies are morph, ecgonine, and diamorphine (commonly knowns and their respective salts, and medicinal opin appreparation, admixture, extract, or other substituting not less than one-fifth per cent. of morphine one per cent. of cocaine, ecgonine, or diamorphine.

For the purpose of the foregoing provision there in the case of morphine shall be calculated as anhydrous morphine.

(2) If it appears to His Majesty that any nodes.

(2) If it appears to His Majesty that any neder (2) If it appears to His Majesty that any no derivative or any other alkaloid of opium or any the of whatever kind is or is likely to be produce properly used, of ill-effects substantially other character or nature as or analogous to those of morphine or cocaine, His Majesty may by Orden declare that this Part of this Act shall apply the derivative or alkaloid or other drug in the sammar it applies to the drugs mentioned in sub-section.

PART IV.

PART IV.
GENERAL.

Application of Customs Acts.—9. (1) Article brotto be imported by virtue of this Act shall be dued included among the goods enumerated and descatable of prohibitions and restrictions inwards itam section 42 of the Customs Consolidation Act 1876, the provisions of this Act relating to the probile export of articles shall have effect as though hey included in that Act, and the provisions of the formal accordingly. accordingly.

accordingly.

(2) If any goods prohibited to be exported twing this Act are exported from the United Kingdom of the this Act are exported from the United Kingdom of the this Act are exported from the United Kingdom of the this property of the purpose of being so exported of the water-borne to be so exported, the exporter of water-borne to be so exported, the exporter of the water-borne to be so exported, the exporter of the water-borne to be so exported, the exporter of the water person the business consolution 1876, for illegally importing prohibited goods.

Powers of Inspection.—10. (1) Any constable of the purpose of a Secretary of State shall, for the purpose of a Secretary of State shall, for the purpose of this Act, have power to enter the emission of the purpose of

turer, seller, or distributor of any drugs to whi the applies, and to demand the production of anc many books relating to the business and any steed

(2) If any person wilfully delays or obstructs verification in the exercise of his powers under this section fail produce or conceals or attempts to conceal any or stocks as aforesaid, he shall be guilty of an office we this Act.

Regulations to be laid before Parliament II. So regulation made under this Act shall be laid fore. House of Parliament forthwith, and if an Adds is sented to His Majesty within twenty-one days on hich House has sat next after any such regulation is id before the sentence of the parliament.

House has sat next after any such regulation is ideal it praying that the regulation may be annulled. I have in Council may annul the regulation, and it is forth be void but without prejudice to the vality of thing previously done thereunder.

Licences.—12. Licences for the purposes of the be issued by a Secretary of State, and may be issued by a Secretary of State and may be issued by a Secretary of State thinks performers and subject to such conditions (includin the ment of a fee) as the Secretary of State thinks performers and Penalties. 13. (1) If any person is in travention of or fails to comply with any regulounder this Act or acts in contravention of or fails to comply with any regulounder this Act or acts in contravention of or fails comply with the conditions of any licence issued unde his hall be guilty of an offence against the Act with the conditions of any licence issued unde his hall be guilty of an offence against the Act with the condition of the person summary conviction to a fine no exceeding the performance of the person of the person is the condition of the person is the person of the person of the person is the person of the

otherwise requires— The expression "raw opium" includes powdered Kish

lated opium, but does not include medicinal on the cypression "prepared opium" means opium for smoking, and includes dross and any other idea in

maining after opium has been smoked;
The expression "medicinal opium" means which has been artificially dried;
The expression "regulations" means regula as mader this Act by a Secretary of State;

pression "prescribed" means prescribed by regu-

pression "approved ports" means ports approved ommissioners of Customs and Excise for the imporexportation, as the case may be, of raw opium.

exportation, as the case may be, of raw optum.

I the purposes of this Act any article shall be deemed ported under licence or exported under licence if in the respect of the purpose of the sase may be, is the holder line issued under this Act authorising the importation, as the case may be, of the article, and with the conditions, if any, of the licence, but not

to Title and Commencement.—15. (1) This Act may be the Dangerous Drugs Act, 1920.

is Act shall come into operation on the first day of

Births.

LR.—At 7 Clonlee Drive, Belfast, on May 4, the Mr. David Orr Perry, R.D. (Perry & Thompson, i., 78 Ann Street), of a daughter (still-born).

H.—At an Edinburgh nursing home, on May 6, we of Mr. J. H. Tainsh, chemist and druggist, by Terrace, of a daugiter.

Deaths.

ondon, N. 10, on May 9, Mr. Richard Hayes bury, Ph.C., aged fifty-three.

HILETON-TAYLOR. - At Saltburn-by-the-Sea, on 0, Mr. Hylton Middleton-Taylor, chemist and the managing director of Middleton & Co., Ltd., lele and retail chemists, Linthorpe Road, Middles-

Mr. William Oldham, Ph.C., aged sixty-six. Mr. passed the Major examination in 1878, and sub-uely acquired the business of Mr. W. H. Bingham, the treet, Eton. He retired at the beginning of last . Mr. Oldham formerly held office as people's warden E Parish Church, and served on the Baldwin's
Trust. His son died while on active service
The Honourable Artillery Company during the

E INGTON.—At Heath Street, Golborne, on May 1, chard Leigh Pennington, chemist and druggist, venty-eight. Mr. Pennington, who was in busi-fore August 1, 1868, retired some years ago. his long residence in Golborne his hearty manner hdly disposition, together with his interest in all ms of sport, combined to make him the best-known in the district. Rural businesses in former days ud a good deal of counter prescribing, in which Mr. ngton was very successful.

Y.—At 7 Clonlee Drive, Belfast, on May 4, Annie, Mr. David Orr Perry, R.D. (Perry & Thompson, m s, 78 Ann Street).

11 -At Islay Cottage, Eskbank, Dalkeith, on May 5, y. Mr. Ernest James Pike, chemist and druggist. Pharmacy, aged forty-one. Mr. Pike qualified 19. He was for some time on the representative ff Duncan, Flockhart & Co., and subsequently uid the business at Eskbank. Although his health len indifferent for the past few months, death was te nexpected.

Roweger.—At Galle, Ceylon, on April 25. Mr. Frank proger, younger son of the late Mr. J. C. Rohrweger, Leghton, Essex, drug merchant.

-At "Wavecrest," Ansdell Road, Lytham, on Mr. Joseph G. Yates, eldest son of the late Mr. ni Yates, chemist and druggist, Darwen Street, Blackm ged forty-eight.

Personalities.

MR. G. WOODHOUSE, chemist and druggist, Bull Ring, Ludlow, has been elected overseer of the parish.

Mr. S. H. Marshall (Lysol, Ltd.) sailed from South-ampton by the s.s. Adriatic on May 12 for a business trip to the United States.

MR. J. SHARP, Ph.C., trading as John Robson, Scotch Street, Carlisle, was a prize-winner in a recent local window-dressing competition.

Mr. W. A. Sleggs, of Woodstock, Cape Province, has been elected chairman of the Proprietary Articles Trade Association of South Africa.

The staff of F. Longdon & Co., Ltd., bandage manufacturers, Agard Street, Derby, have made a presentation of old Sheffield plate to Mr. and Mrs. A. F. Longdon, in celebration of their silver wedding.

Mr. P. F. Rowsell, J.P., Vice-President of the Pharmaceutical Society of Great Britain, has been appointed chairman of the Glassware Sub-Committee of the Board of Trade Standing Committee on Trusts.

MR. R. D. DOBLE, J.P., chemist and druggist, Tavistock, has been returned as local representative on the Devon County Council. Mr. Doble polled 749 votes, giving him a majority of 461 over his opponent.

MISS K. WRIGLEY, chemist and druggist, has been appointed dispenser at the Blackburn and East Lanca-shire Royal Infirmary. Miss Wrigley, who was educated at Blackburn Technical School and Manchester University, qualified in 1918.

Mr. Walter Aston, Ph.C., Montague Street, Worthing, has been elected an alderman of the borough. Mr. Aston has been a member of Worthing town council almost continuously since 1897, and has done excellent work on more than one of its committees.

Mr. Chas. L. Huisking, of Chas. L. Huisking, Inc., New York, is at present in London with a view to form-ing a limited company to handle the British interests of the corporation. Temporary offices have been acquired at 47 Lime Street, London, E.C., under the management of Mr. John Corson.

MR. WILPRED H. PARKER, M.A., has been appointed director of the National Institute of Agricultural Botany. The Institute, including the official seed-testing station for England and Wales, will eventually be housed at Cambridge. The temporary office of the Institute is 72 Victoria Street, London, S.W. 1.

WE have received the following communication from Mrs. W. B. Cowie, Edinburgh: "Mrs. William Beaverly Cowie and family, & Caremont Street, Edinburgh, sincerely thank all friends for much-appreciated sympathy in their sudden bereavement, and regret that it is impossible to answer the numerous letters individually.

Dr. G. Bosurgi, principal of W. Sanderson & Sons, Oates & Bosurgi, Success., essential-oil manufacturers, Messina, who has been visiting his customers and friends in London, is sailing to the United States from Liverpool this week. He expects to be absent from Messina for four months. During the war Dr. Bosurgi served with the Italian forces.

CERTIFICATES of naturalisation have been granted to Frances Emily Lewin (German), 2 Elgin Court. Elgin Avenue, Maida Vale. London, manageress to a firm of chemists; S. S. Mallinick (Russian), 41 Cheetham Hill Road, Manchester, medical practitioner; J. O. Pfenninger (Swiss). 44 Hitherfield Road, Streatham, London, chemist's assistant.

Ox his retirement from the dispensership of the Blackburn and East Lancashire Royal Infirmary. Mr. William Holt, chemist and druggist, was, on May 6, presented by the medical and surgical staff with a wallet containing 75%. Appreciative speeches were made by Drs. Bannister and Aitken; and Mr. Holt, in reply, said that he had done his best during the thirty-four years he had been at the institution, and had received nothing but kindness and consideration from the staff.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration. See "The Chemist and Druggist Diary" 1920, p. 308.

(From "The Trade-marks Journal," March 17, 1920.)

(From "The Trade-marks Journal," March 17, 1920.)

"RESTORETTE"; for perfumery, etc. (48). By E. Marshall, The Hawthorns, Hawthorn Road, Wallington. 396,263.

"GOEYDORAH"; for a hair preparation (48). By Mary J. Bunting, 56 Croft Street, Preston. 398,341.

"INDASIA"; for perfumery, etc. (48). By Vinolia Co., Ltd., 37 Upper Thames Street, London, E.C. 4. 399,150.

"DIADEM PARFUM SEO" and "DIADEM PARFUM CONCRET" on circular floral devices ("Seo" and "Concret" disclaimed); for perfumery, etc. (48). By Robartes, Ltd., 1 Dyer's Buildings, Holborn Bars, London, E.C. 1. 399,487/8. (Associated.)

"EUCAFORM"; for perfumery, etc. (48). By Warwick Bros., Ltd., 6 Nile Street, City Road, London, N. 1. 399,575.

"CARA NOME"; for perfumery, etc. (48). By the United Drug Co., corner of Greenleaf and Leon Streets, Boston, U.S.A. 399,785.

U.S.A. 399,785.

"BORALIA"; for perfumery, etc. (48). By Potter & Clarke, Ltd., 60-64 Artillery Lane, London, E. 1. 399,907.

"The Boss" over ornamental boss device; for goods (50). By the Fiberhold Co., Ltd., 92-96 Carver Street, Shef-

field, 392,844.
"Cascelloid"; for celluloid goods (50). F
61 Bardolph Street, Leicester. 394,724. By W. B. Jobson,

(From "The Trade-marks Journal," March 24, 1920.)

"Dos Mundos Coy." under device of two globes; for all goods (1) and for brushes (50). By Dos Mundos Coy., 28 Exchange Street East, Liverpool. 396,098/140.

28 Exchange Street East, Liverpool. 393,090/140. (Associated.)

"ARTHOL"; for goods (1). By J. F. Barvoets, 59A Spencer Street, Everton, Liverpool. 398,872. (Associated.)

"ELECTROSOL (L & B)" ("I & B" disclaimed); for all goods (2). By F. C. Lewis, Bacteriological Laboratory, University of Liverpool, Brownlow Hill, Liverpool. 301 487

391,487.
"Ega"; for chemicals (2). By Fabrique de Produits Chimiques Flora, Dubendorf, Switzerland. 395,236.

Chimiques Flora, Dubendorf, Switzerland. 395,236. (Associated.)

"Fuminol."; for disinfectants (2). By J. Chapman & Co., 1 Dewberry Street, Poplar. 398,164.

Device of two chain links stamped "Brotherton & Co., Limited"; for chemicals (2), for medicinal chemicals (3), and for goods (47). By Brotherton & Co., Ltd., Infirmary Street, Leeds. 399,438/9/40. (Associated.)

"Cynthol." Brand Nasal Ointment"; for nasal ointments (3). By J. Carr, 13 Manor Road, Twickenham. 389,199.

"Dorlia"; for all goods (3). By A. M. Evans, 154 Church Lane, Harpurhey, Manchester. 397,125.

"Golden Bloom Meat and Malt Wine," with device of cluster of grapes (grape cluster disclaimed); for medicated wine (3). By T. McMullan & Co., 42 Victoria Street, Belfast. 397,397. (Associated.)

"Carrer's Little Liver Pills," etc., on label; for pills made in New York, By Carter Mcdicine Co., 45 Murray Street, New York, U.S.A. 397,629. (Associated.)

"National" over Swastika device; for medicated soap (3). By W. Gossage & Sons, Ltd., Widnes, Lancs. 397,788. (Associated.)

(Associated.)

"1.4-SAFETY" and monogram "E G S" ("1-4" and
"safety" disclaimed); for suppositories (3). By E.
Gould & Son, 35 Moorgate Street, London, E.C. 2. Gould & Son, 35 N 398,282. (Associated.)

"E-Kams Brand Medicinal Remedies"; for indigestion remedies, etc. (3). By R. C. Wheeler, 24 Park Lane, Norwich. 398,333.
"Tusamica Brand a Medicinal Preparation"; "Tusinigra Brand a Medicinal Preparation"; for chemicals (3). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 398,748/9. (Associated.)
"Anti-Flu Inhaler (Auntie Flew)" and picture of old lady in aeroplane ("Anti-flu" and "Auntie-Flew" disclaimed); for inhalers (11). By C. J. Clamp, 8 Botolph Lane, Eastcheap, London, E.C. 3. 391,099.
"Rotecta": for surgical dressing materials (11). By Hippolyte Saunier, 32 Rue Denfert, Rochereau, Paris. 397,826.

397,826.

Device of goat, letter "X" and electric coil ("X" and coil device disclaimed); for surgical instruments, etc. (11). By F. R. Butt & Co., Ltd., 147 Wardour Street, London, W.1. 398,657.

"Honey Come": for photographic paper (39). By Kerotype, Ltd., 1064 Upper Tooting Road, London, S.W. 17. 397,826.

397 463

Trade Notes.

THE TELEGRAPHIC ADDRESS OF the Carel (1) 11 Cannon Street, London, E.C. 4, is "Avcaix." as given last week.

DIAL TABLETS.—The new tube for Dial table is show in the advertisement in this issue of the Clayt And Co., Ltd., 68½ Upper Thames Street, London, D. 4.

ACIE SWEETENER for household purposes at for me in manufactures as a substitute for sugar is level in the American Commerce Co., Ltd., 19 St. Br Street London, E.C. 4.

NEW LIST.—R. Hovenden & Sons, Ltd., Berns Str. W., and City Road, London, E.C., send us cop their May list, which extends to sixty e ght page and particulars of special lines in perfumery, toil prepare tions, packed drugs, razors, pocket knives, scors, wifiles, strops, tobacco pipes, toys, etc. Most ofhere are illustrated and prices are given.

A QUIN-QUENNA ADVERTISEMENT.—A smar idea advertising has been brought out by Thome Chris & Co., 4, 10, and 12 Old Swan Lane, Upp Thames Street, London, E.C., in connection with Qu Quenna This consists of a diamond-shaped window-bill 0 inches deep, gummed at the top corner of the from of the bill, so that it can be fixed to the glass, what the bottom corner is affixed a packet of Quin-Quen Su able wording is given on the bill, and the wh makes an easily-affixed and effective advertisement.

DENTIFRICE LACOSTE, a liquid tooth-clean is speciality of Lacoste et Cie., 1234 Borough H. Street speciality of Lacoste et Cie., 125a Borough H. Street London, S.E., who advertise in this issue. The nime is a pink liquid, neatly packed in sprink toput panelled bottles, and sells at 3s. and 5s. I bottle Another special preparation of the firm is Savo Lacoste—tooth-plate soap. This is a paste siling wintergreen, and is put up in flat opal jars via screwaluminium caps, which sell at 2s. 6d. A bookl entitled "The Hygiene of the Toilet" is supplied for d ributed by chamists by chemists.

SPIRIT STOCK-BOOK.—The British Drug Hots, Ltd. 22-30 Graham Street, City Road, London, I, have issued a stock-book for the use of chemists whelesire claim rebates on medicinal spirits allowed by hamture Spirits Act and the Finance Acts. The to amount of rebate is now 2l. 19s. 3d. per proof gallon, dit is certain that many chemists who have not uno new transfer or the spirits of the spirits and the spirits who have not uno new transfer or the spirits and the spirits are spirits. claimed repayment of duty will do so. For ich the book will be very useful. An introduction exams the principles upon which the claims for rebate are c sidered. with a short list of spirituous preparations un which repayment is not allowed. Then follow facto for the conversion of ounces and cubic centimetres interactions of a gallon, and for the conversion of spirit interms of proof spirit. A short ready reckoner is appered, with rules for diluting spirit. The blank pages, we form the bulk of the book, follow. These are perfeted for removal and are ruled as (1) record of spirit eceived. and (2) of spirit used, specimen pages being giv to show these should be filled up. The book measus 8½ in by $5\frac{1}{2}$ in. and costs 2s.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to mak or finitiand suppliers of the undermentioned articles will be a reciated

12/5. Sellers in ladon of Indian p phyllus root in quitity "Matsen" chilbhin CW/75. Pastilles Kondal BB/75. Exoyl S/85. Ceregol C/85. "Y.Y." pills M/105. De Hall's by C/85. M/105. De Hall douche hygienic "Burgess" M/135. meter for in bators Acetol: suppers of "Molvac" " Serpent" Tenver's G/135. BS/115. American

Observations and Reflections. By Xrayser II.

is Too Late Now

to influence the election to any appre-ablextent, and I might consider myself free to express y sonal preferences. I have, however, no hope that in I would choose will be returned en bloc, and rn enough has been done already by giving voice to risol and local preferences. The action of those Asso-ti's which recommend some particular local man is, it, legree, as regrettable as that of the London County an accutical Association. At this juncture the pressing had considerations is as detrimental as that of class ts, and I sincerely hope that such action will receive function by the defeat of all candidates so recomand. One thing at any rate this election has proved o it actually takes place—that after all our talk of a sation, all the "constructive" criticism that has rirected to that end, we do not possess, as a body, nius or even the instinct for organisation. I say ith profound regret, and the more so because it is elly true of the progressive party. Naturally they are but to stand on the defensive hold together than those who are pioneers in a new movement, is none the less lamentable that the latter have not use to concentrate their forces and direct them upon int at issue. Of the twenty-two candidates who go poll only seven can be elected; five have wisely t do stand or fall together, and they have the support dominant party in the Council. The most element dominant party in the Council. The most elemen-ymmon-sense would have shown the remaining sevennhat the best hope of displacing any of these was oose them with only the number required to fill the ies. Let us hope that some happy chance will effect athese gentlemen have done their best to prevent, ther, that the common-sense of the electorate has greater than theirs.

heWar Auxiliary Benevolent Fund

has had a chequered sy and is still a bone of contention in the Council. lebate on the subject at last week's meeting seems sw that a good deal of the money subscribed was not und for its original purpose, for the proposal submitted shat it should be diverted to others not previously conmated. The timely protest of Mr. Hines and those hastood with him prevented this deviation from strict clude, and there is still a chance that the money will ent on those for whose benefit it was intended. Whate the generosity of the Government may have been, e are still ways in which the Fund might minister to e relief, and among these the one proposed by Mr. art is as obvious as any. The Council, however, pred to think that everything necessary in this direcon ad already been done, though Mr. White's remarks sted the contrary. Whatever the ultimate destination s unspent portion of the Fund may be, we must hope a vigilant eye will be kept upon it,

Ir Sargeant's Utopia

is a long way off and the way to it is not Mr. Sargeant's sketch of it, too, is neither suffiely clear for detailed criticism nor sufficiently attractive r thesitating acceptance ; we can only wonder and quesof Two features, however, stand out more definitely athe rest, and they seem to me mutually contradictory. h cloud-cuckoo-land of Mr. Sargeant's is to be "in close with both the trade and the professional sides of the "" co-ordinated with the Pharmaceutical Council and co-ordinated with the Pharmaceutical Council and e ocal Associations Executive, and at the same time it tbe in effect a department of the Ministry of Health. hps I misunderstand Mr. Sargeant, but his talk about hls of pharmacy under the joint control and "financed ity" by the Pharmaceutical Society and the advent by the Pharmaceutical Society and the educaouthorities certainly seems to imply this. Now if the hmaceutical Society would frankly acept the rôle of a itific society only, would drop all pretence of being a prof sanctified trade union, and would agree to the enuing of our purely trade interests to an independent

association embracing all pharmacists, whether members of the Society or not, there might perhaps be some hope of such a consummation. Whether it is desirable or not 1 am not at present concerned to say, but 1 cannot conceivo it possible while things are as they are. If the Ministry of Health really has the designs on our craft which are attributed to it some such scheme as Mr. Sargeant's may be necessary, but it is only possible if we, as a Society, take up a purely professional attitude. We have, in that case, come to

The Parting of the Ways.

Does Mr. Sargeant seriously suppose Government will contribute to the control and financing of schools of pharmacy for the education of men and women who will be, on the one hand, officials of its own, and, on the other, private profiteers in proprietary medicines and other commodities of all kinds? (I am not, of course, putting this forth as my own view of the craft.) It is one thing to accept, and ostensibly to pay for, our services as National Insurance dispensers, but what Mr. Sargeant would have is an entirely different matter. The Pharmaceutical Society may perhaps climb the Hill Difficulty that leads to the Land of Beulah, but it won't do it with a pedlar's pack on its back. Mr. Sargeant has a good deal to say of devolution—the devolution of all affairs, whether affecting the trade or the profession, of merely local importance to the local federations. It is not obvious what affairs, especially if they are professional affairs, arc local and what not. There is a much easier, a much more desirable devolution, that of trade matters to a trade union, separate from the Society as an organisation, but not hostile, an entente power, if not formally an ally, which would leave the Society free for its professional duties, and entitle it, perhaps, to demand such recognition and support from the State as Mr. Sargeant wants. But this would split us into two classes-State pharmacists and mere druggists? Eventually it might do so, but I see no reason why it should; and if the Ministry of Health takes the line anticipated by many this separation will almost certainly take place sooner or later. The question may be whether the Pharmaceutical Society will go down with "the craft." or rise from it.

Sub-Postmasters' Grievances

are many and great, many are of long standing, but the worst of them all is the latest, the continuous terephone service, which makes it impossible for any sub-postmaster to be out of reach of a call for five minutes, day or night, unless he can provide an efficient substitute, and this in the majority of the smaller offices is impossible. Of this recent additional burden I offices is impossible. Of this recent additional burden is personally (I am glad to say) know nothing except by report, but knowing by sad experience how onerous and ill-paid his other duties were, I can well believe that this "last straw" (!) is enough to break the poor camel's back. The additional pay it brings is, as is invariably true of all additional post-office work, pa'try, as compared with the additional burden; it varies in cases that have been brought to my notice from 6s. to 10s. a week, or thereabouts, and even this, as is again true of other new services, is discounted by the fact that it diminishes the income derived from an older service-in this case the telegraphic service, for naturally telephones to a considerable extent supersede telegrams, and they do not pay the sub-postmaster so well. The real hardship, how-ewer, is not the rate of pay but the service itself, which is almost intolerably confining in small country offices. A call is always possible, and however trivial the occasion the postmaster must himself be there to receive it in nine cases out of ten; he has, in short, always to be on the spot when the office is closed for general business, and no amount of pay that does not enable him to maintain an assistant to take half duty can make this worth while. At present there are not even special rates for Sunday and night calls. The fact is that a continuous service is not needed in a tithe of the places in which it is provided. Every sub-postmaster ought to join the Sub-Postmasters' Federation and protest against the continuance of such scandalous sweating. The Journal of the Federation declares that 1,000 new members would make its position impregnable.

W. ed Killer

Lawn Seed

lasecticida Summer Sh

"SANITAS" DISINFECTANTS

FLUIDS, POWDERS, SOAPS & FUMIGATORS Should be stocked by all Chemists. THE "SANITAS" CO., Ltd., Limehouse, LONDON, E. 14.

11

ESTABLISHED 25 YEARS.

Inquiries solicited.

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(L. M. Lambert, Managing Director.) Established in London, 1880.

Colne Works, Uxbridge, Middx.

ART OF DISPENSING. (9th Ed.) 8/-, by post 8/6.

VETERINARY COUNTER PRACTICE. 6/-, by post 6/6.

CHEMIST'S DICTIONARY OF MEDICAL TERMS. 3/6, by post 3/10

PATENTS AND TRADE MARKS.

There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent which members of the Retail and Wholesale Drug Trade can avoid by consulting an efficient agent, who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free. Pamphlets gratis.

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H. RUBECK, DISTILLER OF ESSENI

59 Mark Lane, London, E.C. 3. Works - Rotherhithe, S.E. 16.



n announcement of particlar interest to you appear in this issue on page 16.

FENNINGS' REPUTATION children's

ADVERTISED EVERYWHERE. READY SALES. ALFRED FENNINGS, COWES, I.V

Metchers' Concentrated digore have stood the test of 40 years, and still lintan

their reputation for unrivalled excellen,

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Editorial Articles

The Dangerous Drugs Bill.

THE Bill on Dangerous Drugs, drafted in order tompy with Article 295 of the Treaty of Versailles and rying into effect the propositions of the Internationa pium Conference at The Hague in 1912, is one of the domments drawn up by departments guided by the own officers without very much consideration from utside experts. On examining the Bill we come to the colusion that the draughtsmen are scarcely aware of the Prow Acts; if so, they are determined to ignore the sition of the Pharmaceutical Society as the statutory chords and examining body in the administration of e law relating to poisons. Certain it is that nothing I come from the Council of the Pharmaceutical Society in cating that they have ever considered in any shape or im any possible legislation under Article 295 of the Peace really. The Bill contains three specific clauses: (i.) rawpium defined as powdered or granulated opium, but eluding medicinal; (ii.) prepared opium, meaning for loking purposes; (iii.) cocaine, morphine, ecgonin and

hil; while the fourth deals with general conclumrtation and exportation are to be allowed under wich alone shall be granted by the Secretary esumably the Home Office. Clause 3 relates not to make regulations for controlling, restrictpduction, sale and distribution of raw opium, very much further than the Pharmacy and As; but this same power applies to cocaine, morste in Part III., clause 7. This clause is specific : sid may be made by regulations for controlling the cty, possession and distribution." Sub-clause (a) nufacture save on licensed premises; (b) manuse or distribution except by persons licensed authorised under the regulations; (c) the issue ons and dispensing of the same; (d) provides woing of the necessary books. It would appear eqo legal provision is made for consultation with tly authority-the Pharmaceutical Society-that Il we dual control of poisons, overlapping and bgegulations such as were issued during the war me Government department, which actually d armacists in institutions from handling these after representations had been made both Home Office and through the Pharmaceutical he possibilities of further research producing i similar nature to those specified is guarded by he subversion of the present procedure through recentical Council and the elevation into a ruling y our old war friend "Dora" under the name le in Council." Part IV., clause 10, sub-clause i., r inspection by any constable or other person ein that behalf by any general or special order Seetary of State. He may also demand inspeca books relating to the business and any stocks ugs. All regulations must lie on the table I se of Commons for twenty-one days. Persons gre liable on summary conviction to a fine not ing 2001., six months' hard labour, or both. The to ome into force on September 1. The matter all dly sufficiently urgent for the Pharmaceutical t neet and prepare such amendments as will conauthority and for the protection of chemists etious regulations, since no specific prois lade for a consultation on the needs of dist se medicinal preparations. The lack of a Par-Secretary of the Society is now patent, and at a special meeting of the Council be held consider the whole question in order to unite ts providing definitely, within the measure itself, gulations shall be issued by the Secretary of vibut consultation with the statutory authority adinistration of the Poisons and Pharmacy Acts. ersince we already know the difficulties of dent regulations and the uncertainties attendant should be possible to obtain the co-operation Geral Medical Council in the effort to prevent In from a repetition of the past muddling withop consideration of those who prescribe and those sp se these preparations. Mr. Woolcock is, among lectuties, representing pharmaceutical interests in of Commons; and, as he was secretary of the actical Society when the previous amateur reguwe made, he will be well armed with all the necessary to place before the House the urgent f Society being consulted before any regulations dipal preparations are made. It should not be nto secure a promise, but a definite inclusion of and accutical Society and its statutory position in

the framing of all the regulations which will become necessary under this Bill dealing with dangerous drugs. We give the text of the Bill in another part of this issue.

American Turpentine Crop Influences

The drift of values in American oil of turpentine deserves the closest attention on the part of the trade on this side, because the situation in the United States has within the last few weeks been overshadowed by the initial operations in respect of the distillation of new spirit. In one of our recent issues we alluded to the prospects for the new campaign facing American distillers, and we stated that there was a disposition on the part of American "insiders" to belittle possibilities or underrate the effect which the prospective new crop yield would have on the future state of the market. So far further information which has reached us from the other side in regard to the new crop is scanty and vague to say the least of it. We understand, however, from the latest advices, that until the last week of April, owing to the abnormally low temperature at night, the flow of the "gum" had been greatly retarded, but there is not much doubt that since then there has been a change in weather conditions, which has facilitated crop operations. This impression is to some extent strengthened by the fact that there has been a distinct disposition on the part of American holders of old spirit to reduce prices to less onerous levels in order to stimulate new buying. This change of attitude was at the same time due to the nominal state of the Savannah market over a period of several weeks, at which port the spot price was monotonously called 220 cents. In consequence of the changed aspect of the market, as above mentioned, there has been a sharp break in the Savannah market, as will be seen from the following quotations recorded there so far this year:

Highest ... 233 cents, Lowest ... $158\frac{1}{2}$ cents, April 17 ... 220 cents. Current price $178\frac{1}{2}$ cents.

These figures sufficiently indicate that the advent of new crop spirit has already made itself unmistakably felt, and has had its reflex on the London market. Our spot price, which had been forced up to 250s., has declined sharply in recent weeks, and although recovering from 190s. up to 212s. late in April, it collapsed once more to the lower figure towards the close of last week, despite the very reduced stocks available in London warehouses. These amounted on May 1 to 8,275 barrels, compared with 4,271 barrels, 13,423 barrels, and 44,824 barrels respectively on the same date in the three previous years. The last returns included 6,656 barrels American, 421 barrels French, and 1.198 barrels Spanish spirit. home deliveries are now considerably more than during the war period, when supplies were very hard to get hold of under official control. The tabulated figures given below showing the total deliveries this year to May 1. with prices recorded on this date for four consecutive years, are interesting, and give some idea of the enormous fluctuations which have taken place from the fairly reasonable figures that were still current in the spring of 1917, when our warehouse stocks in London at 44,824 barrels (on May 1) were almost double the total deliveries for four months, and thus represented not far short of eight months' consumption in that year.

1917 1918 1919 1920 Deliveries (barrels) since Jan. 1 to May 1 Price, May 1, spot ,, July-Dec. ... 23,059 8,674 20.040 26,317 52s. 9d. 54s. 210s. 137s. 9d. 120s. 998. 778. nominal Savannah, spot price 44½c. 411c. 184c.

Within the next few months the market, it is to be hoped, will emerge for good from the very acute scarcity which still confronts the world's manufacturing trades and thus tends to retard a freer and more normal development of industrial enterprise. The market will for some time probably remain in a rather confused and sensitive state, but obviously buying is perforce confined to urgent needs under the dearth of supply, or for pecuniary reasons; this fact also applies to practically all other sorts of raw materials which are needed for the making of paints and varnishes. Eventual big declines in the price of near delivery will presumably be temporarily followed by spasmodic rallies until a more sane level can be established under an increased American export movement. Dealings on speculative account in new crop spirit will hardly assume very important dimensions until the extent of crop supplies can be accurately gauged. The new crop should at no distant date enable American producers to put supplies not only of turpentine spirit, but also of resin on the market. It can, therefore, be reasonably assumed that American distillers will then be compelled to resort to a more accommodating policy not only in their own interest but for the benefit of the world's consumers, who are still smarting under the preposterously high terms exacted for near delivery. The recent sharp letting down of prices in America may be regarded as fair evidence that new crop prospects are good, and that a much lower range of prices will be experienced before midsummer, even if new production is somewhat belated. Much the same reasoning applies to prospects in regard to resin, although the American price of the latter has shown some temporary resistance and even some little recovery for grade F, which is now at below \$18 in Savannah after having fluctuated between \$16.70 and \$18.50 since the beginning of this year. The higher grades, however, for which there was the best demand recently, have eased substantially since paint and varnish makers have virtually withdrawn from the market.

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The Finance Bill, 1920.

The Finance Bill for the present year has just been printed, and contains a number of points of considerable interest to our readers. The increased medicine-stamp duties are continued for another year. We are glad at the same time to observe that provision is made, by clause 4, to allow freedom from the increased duties on spirits imposed by the Bill to all spirits used in medical preparation or for scientific purposes. The clause is as follows:—

Spirits used in Medical Preparations or for Scientific Purposes. 8 & 9 Geo. V. c. 15.

Purposes. 8 & 9 Gco. V. c. 15.

4. Section 4 of the Finance Act, 1918 (which provides for the reduction and allowance of duty in respect of spirits used in medical preparations or for scientific purposes), shall apply to the duties on spirits imposed by this Act as it applies to duties on spirits imposed by that Act as though it were herein set out and expressly made applicable thereto, with the substitution for the sums specified in that Section as the amount of reduction of duty or repayment of duty, of such sums as will reduce the amount of duty payable under this Act to the amount of duty which was payable immediately before the increase of duties on spirits provided for by the Finance Act, 1918.

Clause 10 constitutes a new kind of methylated spirits, at least from a fiscal point of view, to be known as "power-methylated spirits," which are defined as any methylated spirits which are intended to be used in generating mechanical power. In the making of such spirits the substance or substances to be used for mixing

with plain spirits are to be such, and to be sed in proportion as the Commissioners of Custom and I shall prescribe by their regulations. The Bill wide an Excise allowance shall be paid on the sits making power-methylated spirits, just as itlent the present law in the case of industrial methics on which 3d. per proof gallon is paid. A attention made by clause 9 to get over what has pred chronic difficulty in the way of levying ad vitem If any dispute should arise as to the value to or cigars on which the special ad valorem dt is by the Bill, the dispute is to be settled | a | appointed by the Treasury. It remains to e see merchants will receive a proposal which on befare seems rather one-sided. The new motor dutites on all mechanically propelled vehicles as fro Jan 1921, take up the second schedule of the Bill ut exemption from the duty is given in the ase engines, vehicles of any kind kept by a local the fire-brigade purposes, ambulances, and road lless method of levying the income tax is consider ym A standard rate of tax (6s. in the £) is fixed or the Then, in lieu of the present system of atemp allowances, an allowance is granted by wayf del from the earned income of any individua f of the amount of the income, but not to ceed case of any individual 2001. And by way about the first 2251. of the taxable income of an person be charged to income tax at only half the st lard the tax. The allowances in respect of relayers pendents are continued with some slight odification The Bill continues the excess profits duty at le mo rate of 60 per cent., and the pertinacity with Chancellor adheres in debate to the much atcked a suggests that however much we may dislik the u must reconcile ourselves to it for another ar at a The wholly novel feature of the Bill is to corp profits tax. This is to be levied at the e of cent. on :-

(a) The profits of a British company—that incorporated under the laws of the United K doming on any trade or business, or any undaking similar character, including the holding of in the (b). The profits of a non-British company regulation of the United Kingdom any trade or business, any taking of a similar character, as far as the profit in the United Kingdom.

The tax is to apply to any profits which arise accounting period ending after December 1, 181 would be too much to expect that this new x wis smoothly at least for some time, and the little tains a formidable list of permissible and not permited deductions for assessment. Thus no deduct is a for payment of income tax in the calculate of put a deduction is allowed in respect of any xcess products and the control of the total control of the tax is the total control of the total control of

Overseas Trade in April.

The substantial rise in exports is the dominic feature the Board of Trade Returns for April, which is all more surprising in view of the fact that the Easter days reduced the number of working days. The Blue exports were 106,251,692/., which compare the standard of the

th fact that the re-export business declined by som millions sterling last month. Imports in valued at 167,154,309l., or 55,088,486l. more to corresponding month of last year. Our purforhemicals and the like were valued at 2,789,306l., 1. more compared with 1919, the increase applyed to the scheduled items, but in particular to the sum of the sorts "—which rose in value from 620,197l. The overseas trade in chemicals and onues to show that progressive improvement as of ar marked it this year. During April we 4,997,383l. worth, these figures being 957,236l. and April 1919, and 509,832l. more than in the yr of April 1913. Medicine exports for the valued at 436,907l., which is 241,030l. better 1.3, and 66,359l. more than in April last year. The same of the sum of

The Royal Society.

conversazione of the Royal Society was held non House, Piccadilly, London, W., on May 12.

things that struck us, as we examined the
ovelties exhibited, was the degree in which s apparently receded from view in the world Major G. W. C. Kaye's collection of photos wing recent applications of x-rays included, few illustrations of the structure of weapons warfare; but the place of honour was given liographs of paintings, showing how the partial of an old picture is revealed. Professor as also used radiography in tracing the effects re diets on the bone-structure of puppies. nbalanced" diet, young puppies reveal one of in their joints quite clearly. Deficiency in a is causes the teeth to be defectively calcified or ress irregularly placed in soft jaws, as tred in a set of specimens prepared by Mrs. Mr. Julian Huxley and Mr. L. T. Hogben is set relation of the thursil to mater showing the lis ssed relation of the thyroid to metamorphosis; w in the scale of animal life, the mites that are shown by Professor R. Newstead, who al the subject for the Government during the Trning to the vegetable kingdom, there is a y iteresting piece of apparatus, known as a porosolve by the botany department of the Imperial Science and Technology. This instrument strate at which air, under slightly reduced to a trace at which air, under slightly reduced to a glass cup a under surface of the leaf. It thus gives to of the size of these pores. Every time a out of the size of these pores. Every time a the air so drawn in escapes from the lower apparatus it momentarily makes contact bemoury and a platinum wire; the current passing the recording pen on the surface of a revolvun Photomicrographs obtained by means of ultraare shown by Mr. J. E. Barnard, and their aves nothing to be desired. This method has rtl advantage that biological preparations, partibteria and other micro-organisms, are sufficiently ultra-violet light of suitable wave-length to ning unnecessary. The result is that they can and the living state. The Cambridge and ument Co., Ltd., exhibit a new microtome.

""" ment is designed on similar lines to the well-bridge "Rocking" microtome, but the object a nore convenient position for observation and the microtome cuts plane sections in either n (celloidin, and the design is suitable for freezing ethyl-chloride spray. Adam Hilger, Ltd., on ew a vacuum grating spectrograph for the exuli-violet; and the National Physical Labo: atory, a ry attractive collection of scientific instruments,

displays a spectroscope showing the use of a wide slit and central spider line in the elimination of chromatic parallax troubles when measuring blue and violet lines. The Laboratory also shows a set of wind-pressure records; and in this department of activity it has a friendly rival in the Meteorological Office, the exhibit of which comprises no less than nine sections. Between these two exhibits lies a collection of synthetic perfumes—e.g., caproic acid, dihydroanethol, and octyl alcohol—shown by Joseph Crosfield & Sons, Ltd. A carefully and effectively planned exhibit is that of The Osmosus Co., Ltd., consisting of specimens and photomicrographs of articles made with osmosed clay. The equipment necessary for the process of obtaining osmosed clay consists of a blunger, settling tanks and osmosis machine, composed of a rectangular trough in which is arranged horizontally a cylindrical metal anode, surrounded beneath the surface of the slip and at a short distance away from it by a laminated cathode, through which the clay slip is driven by paddles. The cylinder revolves slowly and the dried purified clay is collected by means of a scraper. Low-grade and discoloured china clays become usable as paper clays and pottery clays, and all china clays are improved in colour as a result of treatment. The fire clays are rendered more plastic and refractory, and consequently hard bricks can be obtained at a lower baking tempera-ture with saving of fuel. We were interested to learn that bismuth salts are being experimented upon by this process. An apparatus that impresses the visitor by its very simplicity is that of Mr. E. A. Reeves, for showing the existence of a true north-and-south directive force in the electricity of the atmosphere. This consists of a large glass bottle with an indiarubber stopper, from which is suspended, by a fibre of unspun silk, a gold-leaf paper indicator. The inner side of the stopper is covered with paraffin wax and the bottle is coated inside and out with shellac varnish. The whole is mounted on a tripod stand. On a calm, clear day, when the apparatus is set up in a high open space and screened from the direct rays of the sun, it will be found that, after the paper is electrified by touching it with vulcanite rubbed on dry cloth, and left for some time, it will oscillate about evenly on either side of the true north-and-south line, or come to rest approximately in that direction. We learn that rest approximately in that direction. We learn that records are being obtained from different parts of the The Marconi wireless telephone apparatus was not working when we were present; but among other "popular" features of the conversazione should be mentioned a series of photographs (supplied by the Director of Kew Gardens) setting forth the provenance of the new Douglas fir flagstaff, and some relics of Joseph Priestnew Douglas ir flagstaft, and some relics of Joseph Priest-ley shown by Mr. G. H. Gabb. These curios include the microscope made for Priestley in 1767 by Benjamin Martin, Fleet Street, London. This is probably the microscope used when he attempted to identify whether "the green matter" he found on the sides of his glass vessels, which gave off bubbles of "dephlogisticated air" when exposed to sunlight, was vegetable or not. Very few of the instruments that Priestley used survive, as nearly the whole of them, together with his books and manuscripts, were destroyed when rioters sacked his house at Fairhill, Birmingham, in 1791.

THE EFFECTS OF SPECULATION.—To illustrate the methods adopted by the speculators in drugs, the "Pharm. Zeitung" publishes three letters received by a pharmacist, in which he was requested to sell the drugs enumerated to the dealers in question, at the prices they offcred:

		Mk.	Mk.	Mk.
Antipyrin	***.	 350	400	800
Aspirin		 360	400	580
Quinine		 1,500	1,500	2,450
Pot. iod.		 425	460	640
Phenacetin		 350	425	700
Amidopyrin		 850	850	2,200
Veronal		 700	710	1,200
Salol		 150	180	230

The quotation in the third column was dated exactly six days later than the offers quoted in the first two columns.

Pharmaceutical Society of Great Britain.

Annual Report.

The seventy-ninth annual report, which is to be submitted to members at the annual meeting on May 19, opens by recording with satisfaction an income of 29,000%. For the past year. The following are among the more important passages in the report:

Proposed By-law,—The proposal to make a by-law, admitting under certain stringent conditions a number of apothecaries' assistants, who had satisfied the Government that their vested interests had been seriously affected by the passing of the Poisons and Pharmacy Act, 1908, and the National Insurance Act, 1911, gave rise to natural misthe National Insurance Act, 1911, gave rise to natural mis-givings on the part of the members which were foreseen at the time the proposal was made. The subject was discussed and greater interest aroused than has been shown in any matter affecting the Society for many years. The by-law was passed and approved by the Privy Council, and regula-tions made thereunder have now received the sanction of the Privy Council. Subsequent events have shown that the

was passed and approved by the Privy Council, and regulations made thereunder have now received the sanction of the Privy Council. Subsequent events have shown that the estimated number of persons who would be registered under the provisions of the by-law will not be exceeded. The intense interest taken in this strenuous controversy gave striking evidence of the latent powers possessed by pharmacists for defending their legitimate interests against attacks from outside. The Council appreciates the tendency on the part of both parties in the conflict to overlook regrettable reflections on their bona fides, and trusts such incidents may be regard d as things of the past, leaving the Society stronger in numbers and loyalty than ever before. Regulations for Qualifying Examination.—Reference was made in the last annual report to the approval by the Privy Council of by-laws dividing the Qualifying examination and imposing periods of systematic study and practical training upon candidates, and the Council at once proceeded to formulate regulations, which were published in the "Journal" for August 2. These were approved by the Privy Council on August 9, and the October examination was conducted under the new conditions. The Boards of Examiners were able easily to adapt the examination procedure to the requirements of the new regulations, and the change is regarded generally as a wise one. It was contemplated that after July 1920 an alteration should be made in the examination syllabus, physics being extended and pharmaceutical applications of chemistry transferred to the subject of pharmacy, but it was found that considerable difficulty would be experienced by the various schools in modifying their teaching arrangements by the date named, and that students might fail to obtain the requisite instruction in the extended syllabus if the regulations were operative as passed. The Council, therefore, at its March meeting resolved to postpone the operation of the new syllabus should be so elect. Another modification of the re

The Council felt that these students ought to be considered in relation to the powers conferred by the regulations under the "War Concessions" paragraph, and, accordingly, the Library, Museum, School, and House Committee were entrusted with the work of examining and reporting on every application to be excused the production of the customary certificates. Each case was carefully investigated and considered by the whole Committee or by sub-committees, reports being presented to the Council month by month. The Council desires to record its sense of the ungrudging services given by members of the Committee in dealing with this particularly important, delicate, and exacting phase of pharmaccutical resettlement.

Other matters referred to in the report are the Society's school, research, the Registers, legal proceedings, the

Benevolent Fund, the War Auxiliary Benevant Funderganisation, the British Federation of Mical Allied Societies, the Profiteering Act, National Insurance, the training grant schemes, additional actions of the second schemes and determine the second schemes and determine the second scheme and determine the second schemes. aminers, and deaths of members.

The annual report of the North British Brah g résumé of the work of the branch during the and includes the financial statement summar 1 CHEMIST AND DRUGGIST, April 10, p. 70. It so that for the War Auxiliary Benevolent Fu to local associations, there has been collected to 1,533/. 18s., and that the Scott sh membership in this year is 1,216, showing an increase of 130. his highest membership yet attained.

Council Election Notes

THE CLOSE OF THE POLL.

During the war, as members of the Physics botted may remember, the annual meeting have held in the afternoon. This year the Societ reather hour of noon, and we may appropriately qte, the hour of late voters, a remark made in our trod to the report of the last annual meeting helpels

war:
"The ballot-box was on the table, as memls have right by Act of Parliament to vote 'not later an i o'clock noon on the day on which the e ion

"KNOWN, ADMITTED, AND APPROVE

A cleverly designed postcard has been issue bear the head the words "Known, admitted, an opposed and at the foot the explanation "A tip to the independent of the control o Between the head and the foot of the card co there of the twenty-two candidates in alphabetic order, following being picked out in large type:

13. Keith, A. R. 19. Spence, L. Sh Antcliffe, Herbert. Davis, Charles. 6. Todd, J 20.

10. Hardy, Thomas. 11. Hines, Frank G.

The remaining fifteen names are crossed out

PULLING TOGETHER.

In the course of an editorial article in he Se for May, the following occurs :

It is mere affectation to ask the protestants to all to with the conceders of principle should anyo else

our calling.

The only thing in our mind is not pulling getted doubt whether we shall or shall not be comprosed at What pledge can the five conceders of priple at that they will not barter something else aw for a ment peace?

In another passage the writer observes: Nothing earth can remove that By-law from our reces.

A CONCISE POLICY.

We take the following suggestions from letter appeared in our correspondence colum last (C. & D., 1919, p. 950) under the heading The U By-law "

(1) Officials must no longer be allowed to julge in propensities for secret negotiations. They 1st 100 have power to pledge the Society to any liey

have power to pledge the Society to any sanction of the members.

(2) The powers of the secretary must be dialed. Sir William Glyn-Jones must content the same measure of power as his predecess, we to employ a whole-time secretary, and paper to employ a whole-time secretary, and paper of the same measure of power as his predecess. We commensurate with his qualifications and reposition of the contempt upon the high position he holds.

(4) Political trickery must never again discontent this be accepted as justifiable tactics, among the which was abhorrent to the majority of the embers.

(5) The packing of the Council with "dum" must out the official must out the same of the official must out th

men with experience of modern requirements and ay pharmacy must be elected to replace the non-

cotry pharmacists must be more fully represented. T high-class dispensing, pseudo-scientific pharmand be satisfied with a representation approximating

A PSYCHOLOGICAL ESTIMATE.

a cle in the May issue of "The Script," entitled ondidates," prefaces verbal snapshots of the cances of the following suggestions: "... The real test, of ically speaking, for a councillor, is his reaction estige influence which is bound to be the pertent the man in possession. Incidentally, it is the all of the asterisk on the voting list. There is one will point, and that is committee or detail work.

In are simply useless for this work. ... "The stimates of his subjects are as follows:

FE, II., is of the slow, deliberative type, but with infient personality to refuse to be rushed into a decival be a very useful man on committee, but too

wt, H. E., is a man with apparently one idea just that is on dentistry, a boomerang which may be

o F. E., a first-elass committee man, but slow and

in open council.

in open council.

5. F., belongs to the balanced type, useful to give d counsel, but scarcely a pacemaker, and apparathon who can be put off his game by outside influences.

H., belongs to the slow, deliberative class, limited

rion; a good supporter.

3., is one of the dynamic order, but shows a cermit of lack of confidence in himself in overcoming

RE, R., of the small, active, pugnacious type, not infident enough in his own ability to overcome

on, D. N., belongs to the active type in action acht, but by his speech appears to be over-sensitive e influences.

(3, J., has the slow-thinking type of build capable outine work with great ability.

D.J., would make a good trade counsellor, somewhat

trade counsellor, somewhat a good trade counsellor, somewhat inclined to be too cautious.

F. G., is the big type, austere, and expects men ir duty on the highest ground of service. His died of the gets him into scrapes, but his type is more than wrong. He really dominates this election.

M., belongs to the sturdy, industrious, thinking a would be suitable if one felt he was a serious

A. R., belongs to the volcanic type, useful in both nd committee work because he is tempered by

e and his Scottish temperament. H. O., is one of the small active type, quick to explain to others what he has heard. He would

or useful in committee than in council.

HSR, A. R., is the variant type, inclined to be too
u but often shows spasms of activity which somepduce very awkward moments. Is much better as a n in committee.

of b, C., is of the mentally-active type; a thinker ter, but can fairly easily be put off his gamo.

L. P. F., belongs to the type with excessive activity, the expense of thought. Is inclined too easily to hopinions expressed by the knowing ones.

is a physically active man, as well as mentally,

on that poor and halting in expression.

NG G. L. S., is the solid but active type, quick and in action and thought—dead on the target.

DDJ, is the only one possessing the really artistic expent; a good mental visualist, but inclined to give

importance to his ideals.

RI, E. S., belongs to the slow, deliberative type; in tion, thought, and expression.

TN J. R., must have been a fine type in his day, but has bomewhat dimmed his mental vision and physical

MR. WOLFF VEERS ROUND AGAIN.

Square' Topics" for May-the first number are last November-Mr. Hugo Wolff deals with By w controversy as follows:

w come to that regrettable By-law. My friends to tall 1 not only opposed the adoption of that By-law, shall, as a member of Council, object to the additional Register of any person who has not passed the

statutory examination, and I shall also, if defeated, object to such persons, if registered, being elected members of the Society. So far as I am concerned, that is a matter of principle. But, at the same time, I am not prepared to say that those members of Council who voted for the By-law should be summarily ejected from their positions as soon as possible. Just as I object to that By-law on principle, so I now emphatically assert that this election should not be decided on any particular phase of pharmaceutical politics, but on the line that the best men for our purpose should be voted for, irrespective of their individual opinions. If my fellow-members come to the conclusion that the "retiring" members of Council are to be found among the seven best men, it should be their duty to vote for them. On the other hand, if it is found that a lesser number than six, or in fact none of them, can be included among the best men available, then by all means voters should act accordingly. In other words, I want my fellow-members not to let their vision be impaired by the bitterness of the controversy which raged last summer. After all, the By-law, important and disappointing as it is, is but a small item in the work for which the Council is responsible, and is, in itself, of lesser importance than the dangerous position in which pharmacy may find itself in the near future. It is now generally known that the Incorporated Society of Drug Store Proprietors will introduce into Parliament a Bill, the passing of which would mean that unqualified persons now keeping open shop for the sale of drugs and druggists' sundries might be added to the Register of Chemists and Druggists. To prevent this, we want the best and brainies men that pharmacy can produce; and, personally, I do not care whether a man voted for or against that By-law so long as I know that he is the man who is going to resist to the uttermost the danger that now threatens us.

This pronouncement is followed by notes on the respective candidates. The promised lead, however, is

conspicuously absent.

Business Changes.

TAYLORS' DRUG Co., LID., have opened a branch in St. James's Street, Burnley. It is also understood that they have acquired the business of Booth & Openshaw. Ltd., Darwen Street, Blackburn.

MR. J. H. TAYLOR, chairman of John Mackay & Co., Ltd., manufacturing chemists, Newcastle-on-Type, and a director of G. W. Honeyman & Co., Ltd., manufacturing chemists, Gateshead, and of Sopwith & Co., Ltd., Newcastle, has acquired the business of Taylor Gibson & Co., chemists, 52 Stowell Street (late of 17 B gg Market), and is converting the concern into a limited company. Mr. Taylor passed the Qualifying examination in 1893, after serving his apprenticeship with Brady & Martin in his native city of Newcastle. Prior to engaging in enterprises of his own, he was for some time with Squire & Sons, Ltd., London, W., and represented Parke, Davis & Co. in Scotland and elsewhere for seventeen years. As indicated in a recent issue of the C. & D., the business of Taylor, Gibson & Co. dates back to the eighteenth century; their immediate predecessor was the late Mr. Joseph Roberts, who died in 1904.

CIDER AND CHOLERA.—In a book entitled "Grain and Chaff," the author (Mr. A. H. Savory) says that in 1832. when cholera was rife in the country, the plague was stayed as soon as the cider districts were approached.

In the report for the last quarter of the past year of the Government cinchona undertaking in Java, it is stated that it has been generally assumed that the quinine content of the bark of trees affected by root disease rapidly decreased. The result of numerous analyses of barks which had dried on the trunk of the trees, so that they had to be removed with a knife, showed that the decrease in alkaloidal content is not a rapid process. barks analysed contained 10 per cent. of water, and yielded respectively: 8.24, 7.19, 9.81, 11.06, 10.69, 9.64 per cent., calculated as quinine sulphate. This finding is of importance to cinchona planters, since it shows that the bark of dead trees can also be harvested, but instead of removing it in the usual way, a knife must be employed to detach the bark.

Association Affairs.

Ayr.—A meeting of North and South Ayrshire Pharmaceutical Associations was held on May 5. Mr. Beveridge (Ayr), President of the South Ayrshire Association, occupied the chair, and the meeting was addressed by Mr. Murray, secretary of the Scottish Pharmaceutical Federation, one of the main items on the agenda being a proposal to form a branch of the Federation in Ayrshire. Mr. Murray indicated that, while the Federation was constituted on trade-union lines, it was not a "registered" trade-union. In reply to an objection raised on the coercive powers sought for in the constitution, Mr. Murray stated that each branch would have local autonomy. After the discussion, Mr. Gemmell (Beith) moved, on behalf of North Ayrshire, that a branch of the Federation be formed, but found no seconder. A proposal to organise a standing trades committee on lines similar to the Standing Committee on Health Insurance (Scotland) met with a similar fate. The effect of the new Medical Benefit Regulations on pharmacy and the arrangements come to in Ayr Burgh were explained to the meeting, and Mr. Ness, secretary to the County Pharmaceutical Committee, said that the Insurance Committee had agreed to pay the bonuses due in the county from 1914 to 1919.—It is understood that subsequent to the meeting several members joined the Scottish Federation, and bonuses due to chemists in the county area have now been paid up till the end of 1918, the cheques, in some instances, reaching quite a fair sum.

Cardiff.—A general meeting of the Cardiff Pharmacists' Association was held on May 6, Mr. Owen Jenkins (President) presiding. After discussion, the President and the hon. secretary, Mr. A. J. Harriss, were unanimously appointed delegates to the South Wales Federation. A letter was read from the Pharmaceutical Society referring to the Harrison Memorial Fund. It was decided to forward 1l. 1s. A discussion also took place on the dispensing of prescriptions from the Ministry of Pensions Clinic, and it was agreed to undertake the work. With regard to the compilation of a permanent record of the Association's war work it was decided that a committee be formed, and the following gentlemen were elected: Messrs Joseph, Johnson, Hagon, the President, and the hon. secretary, with the right to co-opt others. The Pharmaceutical Council election then came on for discussion, and it was finally decided to support the members who were out for re-election, and the names of Mr. Body and Mr. Lloyd were also put forward.

Eastbourne. —On May 4, Mr. Jamieson (The Wm. Browning Co., Ltd.) delivered a lantern-lecture on Petroleum from the Wells to the Pharmacy. Mr. H. C. Browne presided. Dealing with the historical part of the subject first, the lecturer described the development of petroleum, and gave a detailed account of its production and refinement as practised to-day. A series of queries were replied to.

General Workers' Union.—At the annual meeting of the National Warehouse and General Workers' Union (Pharmacists' and Assistants' Section), held recently at Sheffield, Mr. John Gilmour, retail pharmacy organiser and prospective Pharmaceutical Council candidate, addressed the meeting. He pointed out that if the High Court decisions went in favour of the Pharmaceutical Society the Society would be an employers' association, which would mean secession of assistant members. He said that the drug-store proprietors are now preparing a Bill for admission for some of their members to the Pharmaceutical Register without examination, and, as the passing of the unfortunate by-law had opened the Tdoor, that the Society would find great difficulty in closing it. There is also danger from the Government attempting to license dispensers in the new Ministry of Health to the detriment of the Pharmaceutical qualification. In relation to ex-Service men, the absence of any system of regulation by the Society will lead to a big influx of qualified men, and unless employment be found for them

it would have a tendency to keep down wage Advanced to the National Warehouse ar General Workers' Union and the Co-operative Union A attended meeting of pharmacists and assistant at Blackpool on May 7, to form a branch of macists' section of the National Warehouse a General Workers' Union. After an address by Mr. Johjih Manchester, officials were elected and about typers were enrolled.

THE CHEMIST AND DRUGGIST

Great Yarmouth.—The Great Yarmout Proceedical Association held a meeting on May 5 heldent (Mr. T. J. Woodcock) being in the chaint it was decided to support the candidatures Body and Ridyard at the forthcoming Councilled A discussion followed on Unprofitable Propring subject being introduced by Mr. T. B. Male, he tary was instructed to write the East Anglia ederequesting that the matter be brought up formation at the next Federation meeting. It was hold the annual outing to Potter Heigham on he

Halifax.—The Halifax Chemists' Associan meeting on May 5, the President (Mr. L. Chethe chair. Mr. P. W. Swire was elected as leathe North-Eastern Federation meeting to be Leeds on June 9, and a committee, consisting chaldent, Mr. H. K. Woodward, and Mr. J. Ewawas appointed to compile the local pharmac's of war services. It was decided to support thap behalf of the "Harrison Memorial Fund," in Mr. R. Stocks and A. Taylor voluntarily agree to take a canvass of the members of the Associath. Tresolved that the Association should support he datures of Messrs. Hines, Keith, Ridyard, a R. The summer outing was fixed for July 1, the subeing Grassington and Burnsall. After discumber annum.

North-Western Group Federatic

A meeting was held at the Midland Hotel, anche on May 6, to decide upon the adoption of he of Federation scheme, and the conversion of North-Western Federation into the official he J. W. Deakin, J.P., Chairman of the Local soon Mallinson, of the Pharmaceutical Society, R. J. Nidd, Mr. T. Hardy, members of the ciations Executive Committee, and Mr. W.J. U Woolcock, M.P., were also present. Abo for delegates signed the roll. The Chairmal said Federations had been formed and officially reco. over nearly the whole of the country, and the were three areas remaining outside the scheme. here the North-Western, the North-Eastern, and 14th W He called upon Mr. Mallinson to give an example the scheme of Federation as a whole. The C mass the scheme of Federation as a whole. The C man moved the adoption of the official Federati sh which was carried with only four dissentie, and Shattock, on behalf of the minority, said th was pared to help in every possible way. The aft of tution and rules were adopted after discuon. officers and Executive of the old Federation ere d as the officers and Executive until October, id Mr Hardy (Maryport) was elected Vice-President the I ration. The representatives were afterward enterta to tea by the Manchester Pharmaceutical 1 ociati Prior to the above meeting a meeting of the tertion was held. Mr. F. W. Bates took the car, and treasurer reported a credit balance of 25%. s. 10% was decided to support the candidature of Msrs. Bl Hardy, Cuff, Melhuish, Rowsell, and Young the fo coming Council election.

THE IMPORT OF CLINICAL THERMOMETERS.—he Mind of Industrial Reconstitution has consent to all 30,000 clinical thermometers monthly, to among glassblowers or druggists' sundriesm who are formal application to the Ministry.

nurance Act Dispensing.

ecc of matters concerning Chemists' interests in the National Health Insurance Acts.

eports from Local Centres.

ENGLAND.

ac vol.—At a meeting of the Lancashire Prescrip-Brau, No. 4 Area, held on May 3, comparative data relating to prescriptions priced from 1 to December 31, 1919, were presented. The ingredient price per prescription varied from 5.22d.; the average dispensing-fee from 3.66d. and the total from 7.67d. to 8.99d. The average per insured person was 22.73d., and the total 12d.; dispensing-fees, 16,409d. These figures the additional war allowance to chemists of prescription.

edity the Finance Sub-Committee reported that the nurrangements to secure a reasonable service are and recommended their inclusion in a formal education be submitted to the Ministry of Health for a A late fee will be payable in the case of precommended their and dispensed during hours to chemists' shops are not required to be open. For meeting of the Sub-Committee a letter was from the Ministry of Health, stating that the thint was prepared generally to approve the scheme to certain amendments. The approved scheme at at least eight chemists' shops in the borough rain open until 7.30 p.m. on weekdays, except ds, Sundays, and public holidays. Under similar gents at least four chemists' shops shall remain fonce hour in the evenings on Thursdays, Sundays, in holidays. In rural districts the chemists' all be open until 7 p.m., except on early-closing undays, and holidays. Chemists who reside on these of their places of business are to undertake spise at all reasonable times when their shops are descriptions marked "Urgent," for which a double as g-fee shall be payable.

the report of the Medical Benefit Committee held the report of the Medical Benefit Committee that the average cost of prescriptions had been not the average cost per patient for drugs was The hours of attendance at chemists' is 8.30 A.M. P.; Saturdays, 8.30 A.M. to 9 P.M. Sunday hours atto district.

shire.—At a meeting of the Insurance Comeen May 3, reference was made in the minutes of lical Benefit Sub-Committee to the new medicite Regulations, Article 10 of which requires a new on o give written notice to his medical practitioner ishes him to provide medicines in case of iller. Williams-Freeman moved that the Committee crotest, because of the great hardship it placed on in rural areas, and the motion was agreed to usly. The clerk reported that the necessary remarker this regulation necessitated the sending out to the control of the c

n. In.—At a meeting of the Insurance Committee 130, it was stated that during 1919, 30,816 pretis had been dispensed at a total cost of 1.8, at an average cost of 7.97d. for each pretis, and 1s. 4.13d. for each insured person.

n. — A meeting of the Pharmaceutical Committee on May 11, Mr. A. J. Wing (chairman) presiding. That of the Central Checking Bureau for February of a margin of error of 0.06d. With regard to an in the remuneration for Insurance dispensing, the class referred to the appropriate Sub-Committee. Immacopæia Sub-Committee reported that, in conwith representatives of the Panel and Insurance

Committees, a revised edition of the London Insurance Pharmacopœia had been prepared. The revised edition will contain sixty additional formulas, of which number twenty-five are for children. In view of the probable inclusion of dependants for medical benefit, it has been thought advisable to add the latter selection. The sccretary reported, inter alia, that the number of prescriptions dispensed in February was 441,555, the total cost being 17,1671. 8s. 4d.; the average cost per prescription was 9.33d.; that the Insurance Committee had decided to consider, in June, the representations made by the Pharmaceutical Committee for an increase in the advance payments to chemists; that a large number of chemists had, so far, failed to furnish the Insurance Committee with their hours of business; that on the score of economy the Insurance Committee had proposed to issue single-sheet prescription books only, but after representations had been made the Insurance Committee will continue to issue triplicate prescription books until the end of the year, when the question will again be considered. The secretary's report was then adopted. As the election of the Pharmaceutical Committee must take place between June 1 and July 1, the secretary was instructed to communicate with the secretary of each district association in London regarding the nomination of candidates.

Staffordshire.— A meeting of the Pharmaceutical Committee was held on April 29, Mr. Jacks Stone, chairman, presiding. It was agreed to dispense for the Tropical Diseases Clinic at National Insurance rates. A letter from the Staffordshire County Council was read asking whether panel chemists would undertake to supply codliver oil and malt, Virol, and pearl barley when ordered by the infant-welfare centres, twenty-one of which are to be established in the county. The secretary was instructed to agree to supply at the same terms as granted to the Joint Committee for Tuberculosis. With regard to "Urgent" prescriptions, the chemists asked that the Pricing Bureau should be instructed not to treat scripts automatically as "ordinary" if the time of dispensing was not marked, but to return the script to the chemist to see if this was simply an omission. A consultation on hours of closing and surgery hours took place, and a uniform closing hour of 7.30 p.m. throughout the county is desired. In future no "Rep. mist." prescriptions will be paid for. Any that had been received early in the month would be paid for if all ingredients are copied in.

Surrey .- A meeting of the Insurance Committee was held on May 5 to consider the reports of the various Sub-Committees. The following is abstracted from the agenda: The Hours of Service Sub-Committee reported on individual applications for alterations in chemists' hours the majority of which were agreed to. As several chemists have omitted to state the hour of opening the shop it has been assumed that they are acting in accordance with the official scheme. The Medical Benefit Sub-Committee reported that four chemists had resigned from, and three joined the panel list. With regard to Article 10 of the new Regulations, the County Pharmaceutical Committee protested that every insured person was not notified of the option he possessed in obtaining drugs either from the doctor or chemist. But the Medical Benefit Sub-Committee took the view that where the option could not be exercised such notification was futile. In all 10,240 notices were sent. The Finance and General Purposes Sub-Committe announced that the cost of pricing prescriptions in 1919 was 576l. 5s. 4d. In the statement of accounts, advances and balances to chemists for MarchApril amounted to 1,495l. 16s. \$\overline{1}d\$ and 1,553l. 5s. 6d. Deductions in the same period for the Pharmaceutical Committee amounted to 38l. 5s. and 38l. 19s. 3d. The Guildford chemists submitted an application for the hours of service to end at 7 P.M. on Mondays, Tuesdays, Thursdays, and Fridays instead of 7.30 P.M. It was decided to interview the chemists to see if arrangements could be made whereby insured persons could obtain medicines up

Walsall.—At a meeting of the Insurance Committee held on May 5, it was reported that 4,000*l*. had been paid to the chemists.

SCOTLAND.

Dundee.—At a recent meeting of the Medical Benefit Sub-Committee it was reported that the prescriptions for January numbered 10,608, with a value of 7921. 13s. $1\frac{1}{2}d$., as compared with 7,279, with a value of 3881. 6s. 6d., for the corresponding month last year. The Clerk stated that he had directed the attention of the Panel Committee to the figures. He had also written the secretary of the Panel Committee in regard to the prescribing of malt and oil by a practitioner, the total cost of which was 3l. 13s. 4d. The Committee was of opinion that the quantities prescribed were excessive, and decided to recommend that one-fourth of the total cost be deducted from the amount due to the practitioner for last

Forfarshire.—At a meeting of the Insurance Committee held on May 1 the scheme for an adequate pharmaceutical service was approved.

Kirkcaldy.—At a recent meeting of the Burgh Insurance Committee the hours for consulting were considered on a proposal by the doctors for an alteration from 6.30 to 8 to 5.30 to 7. On the intimation by Dr. McGlashan that half an hour longer would be given by the doctors on Monday and Thursday evenings, the proposal was

Perth.—A meeting of the Insurance Committee for the County of Perth was held recently, when it was reported that the total number of scripts sent in by chemists for 1919 was 22,401, against 21,171 for the previous year. The total cost was 1,343l. 3s. 3½d., giving an average of 14.34d. The Committee again urged upon doctors the necessity for carefulness in prescribing. was mentioned that a certain chemist in the county had directed attention to the hardship entailed by chemists in rural areas by the loss they suffered through failure to recover carriage and packing of medicines, etc., sent by rail or post to insured persons. The Committee decided to communicate the chemist's statement to the Board of Health, and suggested that he should raise the matter through the County Pharmaceutical Committee and the Pharmaceutical Standing Committee of Scotland.

April Drug Tariffs.

The following are the alterations for April in the Drug Tariff for England and Wales issued by the Ministry of

Heattn:

Lower: Acid. tannic., 15s. 3d. lb.; calc. lact., 12s. 6d. lb.; camphora (flowers), 22s. 6d. lb.; ext. filic. liq., 2s. 6d. oz.; ferri et pot. tart., 6s. 8d. lb.; glycer. pepsin., 7s. 8d. lb.; inf calumb. (ex conc.), 2s. 4d. lb.; lot. hydrarg. nigr., 9½d. lb.; menthol, 6s. 5d. oz.; metbyl salicylas, 8s. lb.; naphtbol, 11d. oz.; ol. croton., 1s. 1d. oz.; ol. morrhuæ (Norwegian, opt.), 26s. gal.; ol. ricini, 1s. 8½d. lb.; paraff. mol. (alb.), 2s. 4d. lb.; paraff. mol. (flav.), 1s. 4d. lb.; sodii benz. (artificial), 8d. oz.; spt. juniperi, 15s. 3d. lb.; syr. codeinæ phosph., 5s. lb.; syr. pruni virg., 2s. 6d. lb.; tab. barbiton., gr. v., 5.8d. per doz.; tab. sulphonal

mol. (flav.), 1s. \$\frac{4}d\$.\$ lb.; \$\sigma^2\text{odii benz.}\$ (artificial), \$8d\$.\$ oz.; \$\spt{spt}, \text{juniperi}\$, 15s. \$\frac{3}d\$.\$ lb.; \$\syr\$. codein& phosph., \$\frac{5}s\$.\$ lb.; \$\syr\$. pruni virg., \$\frac{2}s\$.\$ 6d\$.\$ lb.; \$\text{tab.}\$ tab. barbiton, \$\sigma^2\text{r.}\$ visual polarial, \$\text{B.P.C.}\$, \$\sigma^2\text{r.}\$ visual antimoniale, \$\frac{5}s\$. \$4d\$.\$ lb.; vinum colchici, \$\frac{6}s\$. \$2d\$.\$ lb.; vinum antimoniale, \$\frac{5}s\$. \$4d\$.\$ lb.; vinum colchici, \$\frac{6}s\$. \$2d\$.\$ lb.; \$\text{pulv.}\$ visual antimoniale, \$\frac{5}s\$. \$4d\$.\$ lb.; vinum colchici, \$\frac{6}s\$. \$2d\$.\$ lb.; vinum antimoniale, \$\frac{5}s\$. \$4d\$.\$ lb.; vinum colchici, \$\frac{6}s\$. \$2d\$.\$ lb.; vinum antimoniale, \$\frac{5}s\$. \$4d\$.\$ lb.; avinum colchici, \$\frac{6}s\$. \$2d\$.\$ lb.; acid. tartaric., \$4s. \$7d\$.\$ lb.; acid. sulpburos., \$\frac{6}s^2\text{dd}\$.\$ lb.; acid. sulpburos., \$\frac{6}s^2\text{dd}\$.\$ lb.; acid. tartaric., \$4s. \$7d\$.\$ lb.; acid. colcin., \$1s\$.\$ 6d\$.\$ lb.; argent. nit., \$7s\$.\$ oz.; argent. nit., \$7s\$.\$ oz.; artrop. sulph., \$7s\$.\$ lod. gram.; bals. peruv., \$2s\$.\$ dd\$.\$ dr.; codein., \$pbosph., \$5s\$.\$ 4d\$.\$ dr.; codeina, \$6s\$.\$ 3d\$.\$ dr.; codein., \$pbosph., \$5s\$.\$ 4d\$.\$ dr.; codeina, \$6s\$.\$ 3d\$.\$ dr.; codein., \$pbosph., \$5s\$.\$ 4d\$.\$ dr.; codeina, \$6s\$.\$ 3d\$.\$ lb.; glycer. acid. \$1b.; ext. cannab. ind., \$24s\$.\$ 9d\$.\$ oz.; ext. ergota, \$26s\$.\$ oz.; ext. ergot. \$1q., \$5s\$.\$ 3d\$.\$ lb.; plycarg. soid. flav., \$1s\$.\$ 8d\$.\$ lb.; pydrarg. percblor., \$1s\$.\$ 8d\$.\$ lb.; hydrarg. soid. flav., \$1s\$.\$ 8d\$.\$ lb.; hydrarg. percblor., \$1s\$.\$ 8d\$.\$ lb.; hydrarg. soid. flav., \$1s\$.\$ 8d\$.\$ lb.; hydrarg. percblor., \$1s\$.\$ 4d\$.\$ lb.; hydrarg. subchlor., \$1s\$.\$ 8d\$.\$ lb.; hydrarg. subchlor., \$1s\$.\$ 8d\$.\$ lb.; hydrarg. soid. \$1s\$.\$ lid., \$1s\$.\$ snegae (ex conc.), \$2s\$.\$ lb.; odoformum, \$2s\$.\$ 2d\$.\$ lb.; hydrarg. subchlor., \$2s\$.\$ 2d\$.\$ lb.; lin. sap, metb., \$3s\$.\$ 3d\$.\$ lb.; lid., cit. effervesc., \$6s\$.\$ 8d\$.\$ lb.; nag. sulpb. effervesc., \$5s\$.\$ 2d\$.\$ lb.; lin., sap, metb., \$3s\$.\$ 3d\$.\$ lb.; lin. birn. blorof., \$8s\$.\$ 2d\$.\$ lb.; li

7s. lb.; pulv. sodæ tart. eff., 13.50d. per doz.; 57s. oz.; sodni citro-tart. eff., 4s. 6d. lb.; sodni id., 57s. oz.; sodni citro-tært. eii., 48. oz., syr. aurantii, 3s. lb. la iod., 3s. ltd. lb.; tab. Easton. 1 dr., 3.5d., duto per doz.; tab. santonin. gr. i, 21.4d. per doz.; tab. santonin. gr. i, 21.4d. per doz.; tab. santonin. gr. v. 2.9d. per doz.; tab. soz.; tr. asafet. igr. v, 2.9d. per doz.; thymol, 5s. oz.; tr. asafet. per doz.; tab. santonin. gr. 1, 21.4d. per doz.; tab. sa m. B. P. C., 21.6d. per doz.; tab. tbyroid gland, gr. ii, gr. v, 2.9d. per doz.; thymol, 5s. oz.; tr. sasiet., tr. cannab, ind., 53s. 3d. ib.; tr. chlorof. et morph. lb.; tr. lobel. æth., 11s. 6d. lb.; tragacantb. pulv. ung. acid. boric. B. P., 2s. 6d. lb.; ung. ac. salicyl., 3s. glyc. plumbi subacet., 3s. 10d. lb.; ung. ac. salicyl., 3s. glyc. plumbi subacet., 3s. 10d. lb.; ung. hyd. co., salung. nyd. nit., 5s. 8d. lb.; ung. paraffin. flav., 1s. 7d. resinæ, 4s. 3d. lb.; ung. staphisagriæ, 5s. lb.; vinus. 5s. 6d. lb. Bandages: grey, open wove, lin. by 3 2 in. by 4 yds., 5.3d., 2½ in. by 4 yds., 4.1d., 3 in. by 4 in. by 4 yds., 6.5d. each; white, open wove, 2 in. 5.5d., 2½ in. by 4 yds., 4.3d., 3 in. by 4 yds., 5.2d. earubber (elastic web), 2½ in., 12.0d., 3 in., 14.0d. per y mor f Paris, 2 in. by 6 yds., 10.0d, 3 in. by 6 yds., 11s. (fauzes; unmedicated, 21.5d., borio, 29.5d., carbo cyanide, 30.5d., sal-alembroth, 29.5d., sublimate, 21, form, 45.0d., picric acid, 29.0d. each. Oiled cambric. lie sq. yd. Adhesive plaster, 12.0d. per sq. Catheters. brugum elastic, 8.0d., soft rubber (1-12), 9.0d., ditto we 13.0d.

The following are the alterations for Applia Scottish Drug Tariff:

The following are the alterations for Api in Scottish Drug Tariff:
Acid. benzorc., oz. 11½d.: acid. citric., oz. igallic., oz. 1s. 5½d.; acid. salicyl., oz. 6½d.; acid. benzorc. 1d.; acid. tannic, oz. 1s. 10d.; argent. nit., dh. argent. nit. indur., dr. 1s. 5d.; atropin. sulpin., dr. 1l. bals. Peru, oz. 4s. 8d.; caffeina, oz. 5s. 7½d.; ca dit. 4s.; calcii hypophosph., oz. 10d.; calcii lact., ozl. camphora., oz. 2s. 1d.; codeina., dr. 8s. 9d. od phosph., dr. 7s. 6d.; emp. ferri. (spread on calico square foot, rate of), 8d.; ext. cannabis ind., dr. 4s. 1½ ergot., dr. 5s. 2½d.; ext. ergot liq., oz. 6s. 0½d.; it liq., oz. 5s. 6d.; ferrum tart., oz., 7½d.; glyc. stann., oz. 8d.; pkydrarg. sol., dr. 4s. 1½d.; ext. ergot., dr. 5s. 2½d.; hydrarg. iod. rubrum., oz. 8d. inydrarg. ox. flav., oz. 1s. 5d.; hydrarg. per n., els. 3d.; hydrarg. subchlorid., oz. 1s. 5d.; hydrarg. per n., els. 3d.; hydrarg. subchlorid., oz. 1s. 5d.; hydrarg. per n., els. 3d.; hydrarg. subchlorid., oz. 1s. 5d.; hydrarg. per n., els. 3d.; hydrarg. subchlorid., oz. 1s. 5d.; hydrarg. oz. 1d.; liq. formaldelpyd., oz. 4½d.; lin. chlorof., oz. 11d.; liq. formaldelpyd., oz. 4½d.; lin. cert., oz. 6d.; ol. morhuæ, Imperial pint 4s. 4d.; terebinth., oz. 3d.; paraff. moll., oz. 2d.; phentin., oz. 2d.; ol. morhuæ, Imperial pint 4s. 4d.; terebinth., oz. 3d.; paraff. moll., oz. 2s. 5j. d.; potass. cit., 5% potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass. permang., oz. 10d.; pulv. ipecac. co., oz. 5p. potass

Trade Report.

pris given in this section are those obtained by importers or mar acturers for bulk quantities or original packages. To these pric various charges have to be added, whereby values are in mar instances greatly augmented before wholesale dealers recee the goods into stock, after which much expense may be incred in garbling and the like. Qualities of chemicals, drugs, oils, nd many other commodities vary greatly, and higher pric than those here quoted are charged for selected qualities of n iral products even in bulk quantities.

42 Cannon Street, E.C. 4, May 13.

argumable to report any improvement in business, imidiate outlook still being overshadowed by the uent's financial proposals, which are being diswe close for press. The increase in dockers'
16s per day has been promptly followed by a
f 5 per cent. in dock and wharf charges, making
e cent. on the pre-war rates. These increased pe cent, on the pre-war rates. These increased esof course, add to the cost of goods arriving in boots, and may be regarded as permanent which are ultimately paid by the consumer, stantial appreciation in the French, Belgian, n.nd German rates of exchange is a bright feature rec, but it is to be hoped that it is not based en gent alone. As has been the case for several st, the bulk of the price-changes continue downs, nd, as is usual on falling markets, buyers and Japanese refined camphor continues very and fluctuates daily. Menthol is steadier, and and fluctuates daily. int has declined. Opium is dearer in primary et owing to continued buying for Far Eastern Mercury is regarded as weak, and crude anti-

s been sold at lower prices on c.i.f. terms.
n, turpentine, and linseed oil are also lower.
a was higher at auction, and Jamaica ginger cons advance. Pepper is cheaper on balance, and cloves are easier. Among pharmaceutical tly hand-to-mouth, and, as regards exports, Japan, vs. important buyer, is off the market for the

These factors tend to accentuate the sagging ng and competition is keen. Amidopyrin, chloral at guaiacol carbonate, lithia carbonate, phenazone, vanillin, potash sulphoguaiacolate, tartaric and ids have moved in buyers' favour. Salicylates hade easier. Caffeine is dearer from makers. salts are somewhat nominal on spot. The Ameri-mers have advanced their prices, but London is end thereby. Codeine and morphine are unaltered; in preparations have been advanced. Quinine is y Gallic acid and hexamine are the turn firmer.

—Caffeine salts (makers), emetine preparations, (at auction), opium (at primary sources), oxalic ide lead, lead in oil.

r.—Gallic acid, Jamaica ginger, hexamine, linalol.

:—Aubepine, benzonaphthol, cananga oil, caraway cha oil, coconut oil, coriander oil, cumin-seed, heliohen-yolk, West Indian distilled lime oil, methylyle, mint oil (Jp.), paraldehyde, pennyroyal oil potash sulphognaiacolate, salicylates, spike oil tartaric acid, thyme oils, vanillin.

iv.—Amidopyrin, star anise oil, arsenic, canary-seed, chydrate, citric acid, guaiacol carbonate, linseed oil, a arbonate, mercury, nutmeg oil, Florentine orris, phenazone, resorcin, soya-bean oil, sulphur, turpenter of the salicylate of the salicylates.

phenazone, resorcin, soya-bean oil, sulphur, turpen-

rmilion.

Cablegrams.

YORK, May 12.—Business is fair. Bromide salts en advanced. Ammonium is now 90c., sodium 85c., um 85c., potassium crystals 95c. and granular 90c. Taraxacum is dearer at 24c. per lb. Mercury has

il to \$85.00 per bottle, and phenacetin to \$2.35. EN, May 13.—The catch of cod now amounts to 000, against 20,100,000 at the corresponding date year, and the yield of steam-refined oil is 48,139 against 25,750 barrels at the same date of 1919. weather continues to hinder the Finmarken fish-Market for finest new medicinal oil is dull at 325s. per barrel c.i.f.

ALBUMEN is steady, with spot and affoat sales of prime Chinese hen at 5s. 1d. per lb.; to arrive, June-August shipment is quoted at 4s. 101d. per lb. c.i.f.

Amidoryrin is about 2s. per lb. lower, importers offering

at 58s,

Annatto-seed .- Sales of good West Indian have been made at 5d, per lb.

Antimony.—There is as yet no sign of new interest in crude, which is chiefly due to apprehension lest Chinese offers should be made more cheaply. Sales have been made at 45*l*. per ton c.i.f. for prompt shipment, and further business could probably be done at 40*l*. c.i.f. The demand for refined is also slack, and second-hand lots of English are obtainable at considerably below the official price of 721. for good ordinary brands, while foreign on the spot is worth about 56l, to 57l.

ARSENIC is rather lower, best Cornish powdered offer-

ing at 68l. per ton and Australian at 65l.

BENZOATES.—Both acid and soda appear to be freely cut, the former offering at 4s. 6d. and the latter at 4s. 4d. per lb. and upwards. Ammon, benzoate is offered at 78. 6d., and guaiacol benzoate at 50s, per lb.

BENZONAPHTHOL is easier at from 16s. to 16s. 6d. per lb. BISMUTH.—The supplies of metal coming forward are easily absorbed, chiefly through the "ring," whose price stands at 12s. 6d. per lb. There seems a little more competition from other directions, fair-sized parcels being obtainable from Colonial sources,

BISMUTH SALTS.—British makers' list prices are: Carbonate, 16s. 6d.; citrate, 17s.; nitrate cryst., 10s. 6d.; oxide, 18s.; salicylate, 14s. 6d.; subchlor., 16s. 3d.; subchlor. gallate, 16s. 6d.; and subnitrate, 14s. 9d. per lb., with the

usual reduction for quantity as per scale,

Bromides.—Our New York cable announces an advance in all the bromide salts by the American makers, whose prices were already above the parity of London. German makers offer potash at 4s. at the works. London, however, seems to be the cheapest world's market at the moment, owing to the fact that the large quantities, particularly of potash, purchased from Germany by the distributing trade and "outsiders" when the mark was less than one penny, have still to be absorbed. Fair current values for granular potash in small lots is 3s. 3d. to 3s. 6d., and crystals 3s. 6d to 3s. 9d. per lb. Soda is 3s. 9d. and ammon. is 4s. per lb. Altogether the position of bromides is mysterious, and present prices are regarded as unduly low, so that when the present trade depression passes away an improvement may be

CAFFEINE.—British makers have advanced the price of pure by 3s. per lb. to 45s., and B.P. citrate is now 29s.; benzoate is 32s., hydrobromide 38s., hydrochloride 36s., soda benzoate 32s., soda salicylate 29s., sulphate 35s., and valerianate 52s. per lb. Importers quote pure cryst, at 44s. to 45s., the lower price for 1-cwt. lots.

Camphor (Crude).—Sales of May-June shipment have been made at 5s. 6d, to 6s. per lb. c.i.f.

CAMPHOR (REFINED).-English "flowers" are quoted at 13s. 6d.; 4-oz. to 16-oz. "blocks" are 13s. 6d.; 1-oz. and 2-oz., 13s. 9d.; ½-oz., and ½-oz., 14s. per lb. "Bells" are not quoted. Japanese refined has been selling at irregular prices on the spot, including slabs at from 10s. 9d. to 9s. 9d., and subsequently recovering to 10s. 3d. to 10s. 6d., the market on Wednesday closing firm at the higher figure.

CANARY-SEED .- Holders have accepted lower bids; fair to good Morocco is quoted 130s. to 145s. per quarter.

CHINOSOL.—Various makers quote from 59s, to 60s per lb.

CHLORAL HYDRATE is easier at from 7s. 6d. to 7s. 9d. per lb. for duty-paid crystals.

CINCHONINE is offering from the makers at 2s. 2d. per oz. for sulphate and at 2s. 5d. for hydrochloride in 1,000-oz. lots.

CITRIC ACID is in light demand, and crystals or powder offer on the spot at 68. 3d. to 68. 4d. per lb., less the usual discount.

CLOVES are steady, fair Zanzibar selling at about 23. per lb. on the spot.

CODEINE.—Makers quote the pure crystals on the basis of 27s. 6d. per oz. and the salts at 23s. net.

Cod-Liver Oil.—The official results of all the Norwegian cod-fishing up to May 1 show a total of 29,240,000, with a yield of 43,742 hectolitres of medicinal oil and 4,252 hectolitres of livers for crude oils. Progress with the fishing in the Finmarken district is rather slow, owing to stormy weather, and the news this week from that dis trict is distinctly disappointing. The total exports of medicinal oil from all Norway up to April 24 amounted to 8,000 barrels. In London, agents quote finest new Lofoten at 340s. per barrel c.i.f. London.

COPPER SULPHATE.—Overseas inquiries are comparatively few, but manufacturers are making a stand at about 48%, per ton, even up to 50%, being asked f.o.b. Liverpool for casks, less the usual discount. It is understood that the make has now been considerably curtailed owing to high costs and the trade slackness. British exports in April were 2,915 tons only, against 10,065 tons in April 1919.

CREAM OF TARTAR is easier, 99 to 100 per cent. powder offering in one direction at from 285s. to 290s. per cwt. for 99 to 100 per cent. powder, less the usual discount.

In another direction 300s, to 310s, is quoted.

Cumin-seed in better demand, but prices are rather easier at 42s. 6d. to 45s. per cwt. for fair to good sifted

Morocco.

Egg Products are quiet and easier, Chinese liquid henyolk containing not more than 2 per cent. boric acid offering at 92s. 6d. per cwt. on the spot, and for May-July shipment 90s. c.i.f. is quoted. Dried whole native on the spot is 1s. 1d., and sprayed 2s.; liquid whole is 92s. 6d. and dried yolk 9d. per lb. spot, at which business has been done.

EMETINE is dearer. Makers quote the pure alkaloid at 6s. per gram; bismuth iodid, at from 52s. to 67s. per oz.; hydrobromide, 3s. 9d. to 4s. 5d. per gram; and hydrochloride, 4s. to 4s. 2d. per gram, as to quantity.

FARINA is steady, with spot sales of No. 1 Japanese at 29s. per cwt., and for May-July shipment 30s. c.i.f. is quoted. Sweet has been sold at 27s. 6d. c.i.f.

GALLIC ACID is firmer at 8s. 9d. per lb. on the spot.

GINGER.—Buying of Jamaica still continues for American account, but the high price asked checks the home demand; holders of best Jamaica ask now 210s. per cwt., and this has been paid for export.

GUAIACOL CARBONATE is about 5s. per lb. lower at from

30s. to 32s.

HEXAMINE, which has been selling recently as low as 15s. per lb., is now firmer at from 16s. 6d. to 17s. per lb.

INSECT FLOWERS.—Best closed Dalmatian are scarce, 535s. per cwt. being asked on the spot.

ISINGLASS .- A small auction was held on Thursday, when competition was good and prices were 6d. to 1s. dearer for West Indian and Brazil, East Indian being 2s.

JUNIPER-BERRIES.—Good Italian are offered at the easier

rate of 24s. per cwt.

LEAD COMPOUNDS .- On Wednesday dry white lead was raised 25s. to 65l. per ton, and ground white lead in oil advanced 10s. to 75l. 15s., but other compounds are as quoted last week.

LIME-JUICE is steady at from 3s. 6d. to 4s. per gal.

for raw West Indian, as to quality.

Linseed is steady at 48s. to 51s. per cwt. for fair to

good clean bold.

LINSEED OIL.—The general demand has again fallen off on a rather weakening market, there being an idea that the fall in prices will inevitably become accentuated, while crushers are now turning out a good deal more oil on the much-increased quantities of seed taken up lately. Trade prospects should make for an excellent outlet, provided sufficient inducement is afforded to manufacturers to increase their takings at lower prices. Spot closes at 991, and Hull at 921, 10s., both naked.

LITHIA CARBONATE is about 6d. per lb. cheaper, offering

at 9s. to 9s. 6d. per lb.

LYCOPODIUM is firm, with spot sales of treble sifted at 12s. 6d. per lb.

Menthol is quiet, with spot sellers of Kobayas at 54s. per lb., and Yazawa at 52s.

Mercurials.—British makers' list prices a 1 cwt. are: Hyd. ammon., 8s. 8d.; hyd. oxide rub ditto prep., 8s. 7d.; ditto flav., 8s. 5d.; hyd. 7s. 10d.; hyd. persulph., 6s. 11d.; hyd. subchlor hyd. sulph. nig., 7s. 5d. per lb.
OPIUM.—With continued buying in the Sm

Constantinople markets for Far Eastern accou at the source show an advance of 1s. 6d. to 2s 12 per cent. test offering at 20s. to 21s. per Spot (London) prices are steady, small lots hands at 20s. to 20s. 6d. per lb. for 12 per ce

gists' quality.

SMYRNA, April 24.—The sales this week amount as follows: 16 cases extra Karahissar at piastres oke (=19s. per lb. c.i.f.); 2 cases lower grades at 0.125 per oke (=17s. 3d.—17s. 3d.—17 s. per lb. lower than above prices, but this prices tempted sellers.

Orris.-Fair Florentine sorts can be had atla

cwt, on the spot.

PARAFORMALDEHYDE is quoted at from 68. 6 to per lb.

PARALDEHYDE is easier, importers offering a and affoat at 6s.

PEPPER has fluctuated daily. Towards the close week fair black Singapore sold at the higher rated to $7\frac{1}{2}d$. per lb., but the improvement was not r to this week, spot selling at 7_3^2d . Sales to arrive May-July shipment at from 7_4^3d . to 8d. to 7_6^2 J August and July-September, 8d. to 7\(\frac{1}{8}d\). to 4. August and July-September, 8d. to 7\(\frac{1}{8}d\). to 5. August-October at 7\(\frac{3}{4}d\). to 7\(\frac{5}{8}d\). c.i.f. Lampo is spot, and May-July shipment 7\(\frac{1}{2}d\). c.i.f. Tell and 9\(\frac{1}{4}d\). and Aleppy 7\(\frac{3}{4}d\). spot. White pepper is 4. Muntok offering at 1s. 1d., and August-Octoment at 1s. 0\(\frac{3}{4}d\). c.i.f. Singapore is 1s. 0\(\frac{1}{2}d\). spot Phenazone is about 2s. per 1b. cheaper, dealed and 28c.

at 28s.

PIMENTO meets with a slow sale, and prices 113 easier.

Potash Sulphoguatacolate is about 1s. 6d. sie

239. 6d. per lb.

QUININE is steady, makers quoting sulphate 100 tins at 4s. 5d. per oz., and second-hands at 4s. & is a good demand for export, which is still licence. Makers' prices for the more important is Bisulphate, 4s. 5d.; hydrochloride, 5s. 5d.; ethylbon 10s.; hydrobromide, 5s. 5d.; hypophosphite, 1 phosphate, 5s. 11d.; salicylate, 5s. 5d.; and v rian 10s. per oz. in 100-oz. tins. The Board of Trac Reta give the following figures:

1913 1919 oz. 517,040 1,235 896 oz. 259,346 Imports (April) Do. (Jan.-April) ... British exports (April) ... Do. (Jan.-April) ... 1,266,885 15,3 66,623 65 787 394,731 221,707 111.950 Re-exports (April) 13,755 ... 235,367 (Jan.-April) 1,009,058

QUICKSILVER.—The tendency has been sharp do ward, as Italian metal has been coming along qu free Fair quantities have been consigned to brokers id I chants here, who seem somewhat anxious to fin an a let. Bids have been frequently invited, but tra but have displayed singular reluctance to avail ther lyes the much cheaper offers, in spite of the fact tha he is ing importers have so far maintained their limit miss at 251. per bottle, which is fictitiously high for said the presence of Italian obtainable at 31. and ev 4. bottle below that figure. Some action will prolly 8 be taken by the leading firm if the deadlock ich characterised the market so far this month is be ! an end to. Our impression is that a deep cin first-hand price for Spanish is almost inevitab month's imports amounted to 745 bottles, maki a total ttles for four months, compared with 12,250 an 28,409 bottles respectively for the same period tw previous years.

RC is lower, importers offering at 318., and at oat

ANN.-The Board of Trade Returns give the folig es:

							1913	1919	1920
							OZ.	oz.	OZ.
(A	il)			***	***		67,716	196,925	183,499
	ın.	-A	pril)	***		161,381	652,215	322,165
fo	ion	ae	cons	sumj	otion (Ap	ril)	102,644	116,712	2,826
Lle			(J	an	April)		308,107	133,650	13,630
rts	Ap	ril)				2,118	589	25,754
	Jar	1	Apri	I)	***		37,414	589	248,039

Ad-The spot price of usual standard TN Orange he moved within narrow limits this week, closing vi sales at from 565s. to 570s. AC Garnet is key and 600s. for free; GAL is 550s. Futures er, ne sale including May delivery at 570s. to 540s.; 1908. to 5008. to 4600; and October, 4858.

But is rather lower, Sicilian flowers offering at 24l. ton, and roll is unchanged at 261. per ton.

R ACID is slightly easier, English powder offerbt 4s. per lb. and crystals at 4s. 4d.

olex Spanish oil, is easier on the spot at 48s.

NE.—Spot prices are about 20s. per cwt. lower dith last week, American closing at 190s. Dissi'ns, including September-December, have been 18. 6d.

is easier, with 100 per cent. pure offering elb.

II N.—Makers have reduced their prices to 7s. der lb. net, according to quantity.

Essential Oils Market.

by L CONDITION is practically unchanged from what ported during the past few weeks. Buyers have a sing restricted supplies, and where prices have the tendency has been in consumer's favour. This otar anise, camphor, cananga, caraway, cassia, ii (Japanese), and nutmeg. Linaloe may become our to the Mexican ferment. There are several hynthetics who appear to be dissatisfied with the Continental suppliers. Orders are sometimes

insynthetics who appear to be dissatisfied with the Continental suppliers. Orders are sometimes or several months, and if the exchange drops in the the risk of serious loss is incurred, especially planser has sold basing his cost on a probable cate. This, it is stated, has actually occurred, and in a disinclination in some quarters to enter the commitments. It appears that the fluctuating schange provide an inducement to speculative vich is difficult to resist, and if delays occur the raw material may seem a reasonable enough explanation of the provides of the provides and inducement is difficult to resist, and if delays occur the raw material may seem a reasonable enough explanation of the provides and the provides are supplied to the provides and the provides are provided to the provides are provided to the provides and the provides are provided to the provides and provides are provided to the provides and provides and provides are provided to the provides and provides and provides are provided to the provides and provides are provided to the pro s the exchange moved in seller's favour.

7, rar, is quiet, "Red Ship" brand offering early set at 4s. 3d. per lb. on the spot, but later market at d at 4s. 5d. to 4s. 6d.

est Indian is steady on spot from 29s. per lb.

or is reported in fair demand and steady on the to 38s. per lb. for 37-38 per cent. l.a.; to arrive the from 32s. 6d. to 35s. c.i.f.

Japanese essential brown is said to be in fair ad s.g. 1.010 to 1.015 is quoted at 150s, to 160s. The higher gravity article appears to be hardly White is 180s.

is easier at 24s. to 27s. per lb.
is slightly easier at 10s. 9d. per lb. upwards for 11s, 9d. for refined, according to quantity.
s easier at 9s. 1½d. to 9s. 3d. per lb. on spot for

property can be seen active demand this week; prices ady at from 3s. 6d. to 3s. 8d. per lb., according to

N-LEAF.—Ceylon is offered at from $11\frac{1}{2}d$. to 1s. $0\frac{1}{2}d$.

cording to seller and quantity.

LA has a firmer tendency. There is an active a spot reported for Ceylon at 3s. 4d. to 3s. 8d. d Java at 5s. 6d. to 5s. 8d.

CLOVE.—There appears to be no further decline, and market is steady at 19s. per lb. for English-distilled from dealers. Clove-leaf is quoted at 16s. on the spot.

Geranium.—French and Algerian are slightly easier at 40s, to 42s, per lb. spot and 40s, forward. Bourbon is from 42s. to 43s.

GINGERGRASS .- "Insoluble" has been in good demand this week, and a large order was placed at 18s. per lb. in original pots. Spot holders ask up to 19s. 6d., according to quan-

JUNIPER-BERRY OIL, B.P., is quiet at from 18s. to 21s. per Ib., according to holder.

LAVENDER.-High-ester oil is very scarce, but offers have been made from France of a 40-per-cent. article at 44s, per lb. A good average oil (35 per cent.) is quoted on spot at 40s. to 42s. 6d. per lb., according to quantity.

LEMON is quiet, with spot offering at from 9s. to 9s. 6d. per lb., and to arrive at 8s. 3d. to 9s. 3d. c.i.f.

LEMONGRASS is unchanged at 1s. 3d. to 1s. 5d. on spot for Cochin. At the Amsterdam tender sales on May 6 Java oil was lower at 25s. to 27s. per lb. The rate of exchange enables c.i.f. London offers to be made about 24s. per lb.

LIME is easier, fair West Indian distilled offering 7s. Sd. per lb. on the spot.

LINALOE.—The political situation in Mexico may lead to an increase in price, as spot supplies are very scarce, but 35s. per lb. is still quoted to come forward.

Mandarin is quiet on spot around last week's quotation (56s. per lb.); to arrive is quoted at 50s. 6d. c.i.f.

MINT is easier, with spot sales of Kobayashi-Suzuki at 9s, 9d. to 10s, and Yazawa at 9s, 3d. per lb, and buyers.

NEROLI.—The prospects of higher prices for next-crop oil is reflected in a firmer tendency, spot holders asking up to 60s. per oz. for pure.

NTIMEG is lower at 11s. to 12s. 6d. per lb., and it is stated that the latter price has been paid this week.

Orange is firm on spot for Sicilian sweet, from 58s. to 60s. per lb, being quoted, and to arrive at from 50s. 6d. to 54s. West Indian sweet varies from 35s. to 38s. per lb. for spot lots and 35s. c.i.f.

PENNYROYAL.—Spanish is easier at 7s. 9d. per lb. PIMENTO is quoted at from 25s. to 27s. per lb., according to source and quantity.

Rosemary.—New crop Spanish oil is of good quality, and spot prices are from 7s. to 7s. 3d. per lb.

Sandalwood.—There is a plentiful supply of the Mysore Government distillate available, consigned quoting 50s. per lb. in lots of five cases.

SPIKE is easier for Spanish at 13s. 9d. to 14s. per lb. on spot; French at 16s.

Thyme oils are again easier. Spot offers are made at 10s. 9d. per lb. for 30 to 35 per cent., and 11s. 9d. for 40 to 45 per cent.

40 to 45 per cent.
WORMSEED is in fair demand at 45s, per lb. Small sales of American have been made at 40s, per lb.

AMYL SALICYLATE is offered on the spot at 12s. per lb. Auberine is in fair demand on spot at 40s. per lb.; to come forward at 35s. Bexyl Acetate is quoted at 13s. to 15s. per lb. for spot lots, according to holder. Bromstyrol. 100 per cent. is easy at 40s. per lb for spot and 37s. 6d. to arrive. With regard to Coumarn, contrary to general expectations, Germany has not been able or willing to place a cheap product on the market, and many holders who, it is said, sold out their spot supplies at low prices have had to replace at higher rates than they anticipated. A good demand prevails at from 37s. 6d. to 40s. per lb. Eugenol is offered at 53s. to 35s. per lb, for spot and to arrive. Hellotropin varies from 37s. to 33s. per lb., according to origin. Ionones are still very scarce at a wide range of prices. Spot quotations mentioned are between 105s. and 140s. per lb. Indoc is obtainable on spot and to arrive at from 40s. to 50s. per oz. Linalol is higher at 60s. per lb. upwards. Methyl Anthranhlate is slightly easier at 40s. to 42s. 6d. per lb. Methyl Salicylate is offered at 5s. to 5s. 6d. on spot; 1-cwt drums, 4s. 9d.; drums of 580 kilos. at 4s. 6d. per lb. afloat. Musk Ambrette is still scarce; spot and forward quotations are in the neighbourhood of 310s. to 320s. per lb.; Xylol is also in short supply, and the spot and forward prices vary between 43s. to 50s. per lb. Safeol. and forward quotations are in the heighbourhood of Joseph to 320s. per lb.; XYLOL is also in short supply, and the spot and forward prices vary between 43s. to 50s. per lb. SAFFOL is in steady demand at about 6s. per lb. in original packages. Terrinello is quoted at 6s. 6d. to 7s. 6d. on spot; and 7s. 6d. upwards for forward delivery, according to origin.

Among the arrivals this week we note the following products: Amyl salicyl., 89l.; benzyl alcohol, 19l.; eugenol, 159l.; geraniol, 22l.; heliotropin, 560l.; linalol, 84l.; methylsalicyl., 160l.; safrol, 3,500l.

German Drug and Chemical Markets.

The market report of a leading Hamburg wholesale drughouse, dated beginning of May, prefaces the quotations by stating that "the Allies have been engaged at San Remo in computing the figure they shall fill in the blank cheque which Germany made out in the Peace Treaty; therefore, the amount due during the next decade will soon be fixed in figures. Then it will be necessary for Germany to take in hand the work of reconstruction in order to prove to the other nations that German spirit, German enterprise, German capacity for work and German will to work, are not things of the past. Foreign countries—that is, Holland things of the past. Foreign countries—that is, Holland and America—evince a more conciliatory attitude, in that they are disposed to supply Germany with foodstuffs. This will alleviate the direct necessity, but, on the other hand, will further increase the load of debt which will have to be raid of ". In the drug trade in company with other handes. paid off." paid off." In the drug trade, in common with other branches of trade, and analogous to the situation on the London market, there has been a decline in prices, due to a variety of causes. One of the principal causes is to be found in the of causes. One of the principal causes is to be found in the accumulation of goods and excessive speculation indulged in by financially unsound persons with no knowledge of drugs. However, it would appear as if the bottom prices had already been reached—as is also the case in England—since some products, particularly those affected by increased wages and the high price of coal, are being quoted far below their actual cost of production. The large profits made by exploiting the situation have new hear fallowed by nade by exploiting the situation have now been followed by heavy losses due to the present position of the market, and at the moment consolidation is taking place in the various markets. Transactions are now devoid of speculative motives or enterprise, and are confined to bona fide requirements, and in our opinion will retain this character during the part unouths. Owing to the great fluctuations in during the next months. Owing to the great fluctuations in the exchange importation of goods is attended by very heavy risks, and is not likely to become more active for the present, so that the absence of imports reacts favourably on stocks in hand." The following prices are quoted in marks per

ACETIC ACID (80 per cent.) is quoted at m.15, at which price it is in large demand, so that a further rise seems imminent.

. Ammonium Chloride, first quality white (98/100 per cent.), is supplied by manufacturers in very small quantities; dealers demand not less than m.14. It is in large demand by foreign buyers.

Anise Oil.—N lower at m.300. No fresh supplies have arrived; price slightly

Borax.—Extensive sales continue to take place, while sup-The price for crystals is m.16, for powder plies are scarce. m.16.50.

Boric Acid, in spite of small stocks, has declined to m.35. CAFFEINE (PURE).—Manufacturers refuse to sell for de-livery, or only in small quantities, so that transactions are confined to dealers' stocks. Its present price of m.950 deserves attention, as the stocks in Hamburg are depleted, and foreign purchasers continue to evince a great interest in this article.

CITRIC ACID.—The price has now stopped at m.160, at which slight business has been done. This article deserves

attention since supplies by manufacturers and dealers are scarce, and no import licences are granted.

CREAM OF TARTAR (99/100 per cent.), in conjunction with the drop in the price of tartaric acid, has declined to m.70.

COUMARIN is in regular demand by German buyers in small curvities, while foreign supplies the price of tartaric acid. small quantities, while foreign purchasers, as far as export licences are obtainable, readily pay m.800.

Frangula-bark is in demand both by home and foreign

buyers at m.13.50.
Gentian Root is offered at m.15.
Geranium Oil belongs to the class of rare articles; price, m.1.500.

GLYCERIN, 28°, first quality white, is firm at m.22, and is more in demand than can be supplied. Price shows an upward tendency.

HELIOTROPIN belongs to the class of rare articles; it fetches m.1,100, particularly since the manufacturers can scarcely

supply. Lactic Acid.—Supplies are scarce owing to the shortage of raw materials, and 50 per cent. acid (for foodstuffs) is quoted m.16.50; 43.5 per cent. (technical m.10., exclusive barrel.

MENTHOL CRYST.—Although the local stocks are greatly reduced and new supplies cannot come in, the price has declined to m.2,100.

Milk-sugar, owing to its scarcity, has increased enor-

mously in value, and the demand exceeds the supply.

Salicylic Acid has declined to m.90.

Sodium Benzoate. — Manufacturers' quotations show scarcely any change. On the other hand, some financially

weak speculators are offering this article at m, a conjunction the price for benzoic acid is now m, VANILLIN.—Stocks are greatly reduced, and supplies from manufacturers are forthcoming.

Arrivals of Drugs, Chemicals, et

The following products have arrived at the ports med

London

(April 29 to May 3). Bismuth ore, (Ch.) 32 bgs., (Aust.) 118 bgs. Cbemical products, etc.: not desoribed, (Germ.) 10 cs., (Antw.) 47 pkgs., (Holl.) 32

cs. Acetic acid (N.Y.), 292 brls. Argol, (Fr.) 208 bgs., (Port.) 527 bgs., (It.) 60 cks., (Sic.) 32 cks. 330 bgs.

Arsenic acid (Jp.), 200 cs.
Aspirin (N.Y.), 23 brls.
Barytes, (Hamb.) 479 cks.,
(Sp.) 6,772 bgs., (Antw.) (Sp.) t 200 bgs.

200 bgs.

Benzoic acid (Antw.), 5 brls.

Benzoic (8'pore), 38 cs.

Borax (N.Y.), 500 kgs.

Bromides: potash, (Hamb.) 8
cs., (N.Y.) 65 cs., (Holl.) 10

cs., (N.Y.) 65 cs., (Holl.) 10 pkgs.
Calc. cit. (Sic.), 33 cks.
Citric acid (Fr.), 30 cks. 70. pkgs.
Lactic acid (N.Y.), 10 cs.
Magnes. chlor., (Hamb.) 50 cks., (Antw.) 30 cks.
Mercury, (Holl.) 21 cs., (Fr.) 387 botts.
Methyl. salicyl. (N.Y.), 20 cs.
Milk-sugar (N.Y.), 56 brls.
Naphthol (N.Y.), 35 brls.
Paraldehyde (St. John, N.B.), 500 cs.
Pot. permang. (Holl.), 10 cks.

Pot. permang. (Holl.), 10 cks. Pot. pruss. (Holl.), 3 cks. Potash salts: Kainit (Holl.), 2,500 bgs.; sulphate (Sp), 20 brls.

brls.
Saccharin (N.Y.), 4 cs.
Safrol (Jp.), 250 cs.
Salol (N.Y.), 40 cs.
Saltpetre (Holl.), 250 pkgs.
Sulphur (Sio.), 4,156 bgs. 199 brls.

brls.
Tannic acid (U.S.), 43 brls.
Tartar, (N.Y.) 40 cks. 100 kgs.,
(Sio.) 38 cks., (Fr.) 264 bgs.
17 cks.
Tartrate (Sp.), 47 brls.
Tborium safts (Hamb.), 30 cs.

Thorum saits (Hamb.), 30 especys, crude, etc.; (U.S.), 456 pkgs.; herbs. (Germ.) 20 bgs., (Fr.) 24 bgs.; barks and roots (N.Y.), 142 pkgs. 73 bgs.
Anise (Cb.), 200 cs.
Areca (Cev.), 50 bgs.
Camphor, (Jp.) 30 cs., (Ch.) 173 cs.

173es.

Cartharides (Ch.), 50 cs. Cardamoms (E.I.) 100 pkgs. Cevadilla (Holl.), 324 bgs. Cinchona, (Hamb.) 6 cs., (E.I.)

Cevadilla (Holl.), 324 bgs.
Cinchona, (Hamb.) 6 cs., (E.I.)
13 bls.
Coumarin (Hamb.), 2 cs.
Croton seed (Cey.), 18 bgs.
Gentian (Fr.), 25 bls.
Henna (Alex.), 62 bls.
Liquorice juice, (Sic.) 40 cs., (It.) 65 cs.
Liquorice root (Sic.), 113 cs.
Nux vomica (E.I.), 1,920 pkgs.
Olibanum (Ch.), 601 pkgs.
Papain (Cey.), 44 cs.
Senna (Tinn.), 336, bls.
Tamarinds (W.I.), 550 brls.
Fellows syrup (N.Y.), 555 cs.
Gums, resins, etc.: not described (Fr.), 52 bgs.; acacia, (Alex.) 512 bgs., (cpal., (S'pore) 94 bgs., (Antw.) 203 bgs.; damar (Holl.), 66 cs.; lac. garnet (Cal.), 113 pkgs.; lac. garnet (Cal.), 113 pkgs.; shcl! (Cal.), 221 pkgs.; resin (Fr.), 478 cks. 36 bgs.
Honey (N.Y.), 478 brls.
Lanoline (Antw.), 62 cs. 8 cks.
Malt ext. (N.Y.), 271 pkgs.
Nicotine solution (N.Y.), 32 cs.
Oils, essential: (N.Y.), 43 cs., (Sic.) 18 x ½ cs., (Fr.) 131

cs.; anise (Ch.). gamot (Sic.), 15 mon (Cey.), 27 c (Cocbin), 55 drn (Sp.), 4 bido (Sp.), 4 bido (Sic.), 29 cs. 198 (Jp.), 15 cs.; p (Hamb.) 144 cks brls., (Fr.) 435 t Oils, fixed: cottor of 5,000 cs.; cives

100 cks.; soya Petroleum jelly (N s Pituitary glands (12h cs.

Spices: Arrowroot t. 1,938 brls.; caps mg 1,938 brls.; caps ag 8 cs., (Antw.) I(sg namon (Cey.), It; (Cey.), 21 cs.; mt (Miller Cey.), 21 cs.; pepper (E.I. Miller Cey.), 21 cs.; pepper (E.I. Miller Charles Consoline (N.Y.), 1 cs. Waseline (N.Y.), 1 cs.; paraffin, Miller Cey.; paraffin, Miller Cey.; paraffin, Miller Cey.

bgs.

(April 26 to 1 1)

Chemical products, c. Acetic acid (St. I., Acetic acid (St. 1, 1, 239 brls. Argol (Fr.), 220 l. Barytes (Sp.), 1,4cks. sks. 200 brls. Calc. borate (S. Ar.)

bgs. Cobalt oxide (St. n.) Obalt oxide (St. 9 b) 9 brls.
Pot. nit. (Antw.), 10 pruss. (Antw.) 10 pruss. (Antw.) 10 pruss. (Port.) 20 cks. 10 (U.S.) 20 kgs.

Orugs, crude, electronic (Hamb.), 11 bgs Cinchona (N.Y.), 3

Cinchona (N.I.), care Cod-liver oil (1)
N.F.), 95 brls. 5 k
Kola (W. Af.), 54
Quillaia (S. Amer W
Tuba roots (S'pore Gums, resins, e (Antw.), 619 (Fr.) 223 cks.,

brls.
Oils, essential:
(S'pore), 44 drn
tine (U.S.), 200 s.
Olive oil (Sp.), 1,4

cans
Petroleum jelly (N.) 18
Spices: Nutmegs
bgs.; pepper (P) ng) bgs. Wax: Paraffin, 1.)

bgs., (scale) (U.S.) 152 brls. Mancheste

(April 29 to ad acet. (Antw. 22 soda chlorate (Sr. 15 tartaric acid (An).4 Lead paraffin wax,

(April 27 to) Acetic acid (N.Y.) 39
betanaphtbol (N. eale acet. (Swe. 60 calc. acet. (Swe. 160) castor seed (B') bgs.; cod-liver djbem), 280 pkg 550 turpentine (Norv

Southampt (April 27 to)). Arsenic (Fr.), 11 (1) had (Cape), 8 bls.; (in the 134 bgs.

to May 10). Doan), 200 drms, puets, etc.: (U.S.) (Swe.) 23 es., [1 cs. 15 brls., brls., co.)

neic U.S.), 105 brls. (S 586 bgs. 92 cks., 44 brls.,

(ks. (1, 40 cs. p.) 1,500 bgs., 189 cks., (Holl.), 570 cks., hal (Holl.), 6 cs. at 1t.), 29 cs. ::mmon, (Holl.), 30 t Holl.), 55 pkgs. t Sp.), 57 cks. 404 oll.), 7 es. i (Germ.), 38 cks. h e (R'dam), 1

.) 100 bott., (Fr.)

chlor. (It.), 5 cs. (Sp.) 31 brls cks. (Amst.), 30 eks. ore), 435 es. rm.), 6 es. .I.), 2,842 bgs. . (Belg.) 20 es.,

188 cks, 385 bgs. Sp.) 20 brls. (U.S.), 640 brls. ctc.: leaves (Fr.).
s. flowers, 16 bls.;
(H), 7 bgs.; herbs,
bgs., (Germ.) 16

5 gs., 34 bgs. Af.), 3,342 bgs. Af.), 3,342 bgs. I.I.), 90 cs. 8 lica (E.I.), 5 cs. 40 lica (E.J.), 5 cs. 40 lica (E.J.), 25 cs. pkgs. ribal), 108 bls. dieus (E.I.), 213

(R'dam), 100 cs. n Fr.), 10 cs. (F.), 7 bgs. Basra), 16 cs.
Ball, 5,113 bgs. I Said), 18 bls.
2. Said), 23 sks.
3. (E.I.), 369 bgs.

m E.I.). 100 cs. (7.), 71 cs. 1t 268 bls. (W.I.), 17 bls. An), 16 rkgs. nst.), 10 brls. 5 cs. 528 cs. 49 pkgs.; an.) 25 cs., (Fr.) P. Said) 25 cs., 87 pkgs., (Amst.) , (Antw.) 712 bgs. (antw.) 712 bgs. (S'pore), si damar, (E.I.) 1,167 oll.) 107 bgs., (P. 2 cs.; karaya (E.I.), g lac, 1,225 bgs. 105 chts.; mastic 14 cs.; olibanum 6 cs.; resin, (Fr.) (U.S.) 4,410 brls.; h, (Tky.) 9 cs., cs.

Af.) 5 os., (W.I.) 98 brls., (Aust.)

secial: (N.Y.) 9 cs., (Durban)
F.S.; anise, star, 5 es.; cajuput
D. cs.; cassia (Ch.), (itionella, (Jv.) 4 cs., Amst.) 17 drms., day
C. cs.; orange (W.I.), cs.; orange (W.I.), cs.; orange (W.I.), 4 cs.;

peppermint (U.S.), 20 cs.; sandalwood (Aust.), 12 cs.; sansafras (Phil. Is.), 2 cs.; surpentine, (Port.) 30 drms. 280 cs., (Fr.) 150 brls. 175 cks., (U.S.) 5,150 brls. Olive oil, (Sp.) 250 cs., (Fr.) 97 cs. 59 brls. 25 cks., (It.) 225 cs. 9 cks., (Germ.) 99 cs. Petroleum jelly, (U.S.) 130 brls., (It.) 26 cks. Soy (Ch.), 150 cks. Soy (Ch.), 150 cks.

Soy (Ch.), 150 cks.

Spices: cassia (Ch.), 10 cs.; chilhes (E. Af.), 90 bgs. 56 bls.; cinnamon (Cev.), 10 cs.; cloves, (E. Af.) 1,569 pkgs., (Jv.) 158 bgs.; ginger, (W.I.) 185 bgs.; ginger, (W.I.) 185 bgs., (E.I.) 922 bgs. 200 cs.; mace (E.I.), 97 pkgs. 13 cs.; nutmegs (S'pore), 45 bgs. 336 cs.; cepper, (E.I.) 1,243 bgs., (Cev.) 36 bgs.; pimento (W.I.), 270 bgs.

Waxes: bees', (E. Af.) 159

Waxes: bees', (E. Af.) 159
pkgs. 517 bgs. 3 bls., (Cal.)
30 cs., (It.) 8 bgs.; paraffin (U.S.), 1,880 brls. 840

Liverpool

(May 3 to May 8). Acetic acid (Halifax, N.S.), 139 bls. Alcohol (Sp.), 25 drms. Argol (It.), 26 cks.

Bismuth ore (Chile), 13 bgs. Calc. acet. (St. John, N.B.), 2,007 bgs. Calc. borate (Chile), 9,927 bgs.

Chemical products, etc.:
Mercury (V. Cruz.), 3 flsks.
Nicotine sulph. (N.Y.), 25 cs.
Oxalic acid (Sp.), 17 brls.
Paraldelyde (St. John, N.B.),
46 or

46 cs. Soda bicarb. (U.S.), 83 cks. Soda uit. (Arica), 151,877 bgs. Snlphur (Sic.), 244 brls. 1,000

Tartar, (Sp.) 196 brls., (Fr.) 200 eks., (It.) 22 eks. Tartarie acid (Sp.), 20 brls. Drugs, orude, etc.; (Fr.) 126

cs.
Aloes (N.Y.), 200 cs.
Castor oil (Fr.), 108 cks.
Coca (Colon), 45 bls.
Cuttlefish (E.I.), 260 bdls.
Ipecacuanha (Rio), 4 bls.
Jalap (V. Cruz), 380 sks.
Kola (W.I.), 17 bgs.
Liquorice paste (Sio.), 112 cs
Liquorice root (Sic.), 200

pkgs.
Olibanum (E.I.), 100 es.
Opium (Halif., N.S.), 21 es.
Quillaia (Chile), 535 bls. 1.773

Sarsaparilla (S. Amer.), 7 bls. Tonka beans (S. Amer.), 23 cs.

Gums, rcsins, etc.: (Alex.) 100 bgs., (W. Af.) 649 brls.; karaya (E.I.), 33 bgs. Isinglass (Para), 14 bgs. 14 cs. Oils, essential: linaloe (V. Cruz), 5 cs.; petitgrain (B. Aires, 12 cs.

Olive oil, (Sp.) 393 cs., (It.) 200 bxs. 50 cs. Pepper, (Sp.) 12 cs., (E.I.) 50 bgs.

axes: bees', (W. Af.) 1,187 blocks, (Fr.) 8 cs., (It.) 8 bgs.; carnauba, (Fr.) 56 bgs., (S. Amer.) 318 bgs.; paraffin (U.S.), 114 brls. 4 bgs. Waxes:

Manchester

(May 1 to May 7).

Barytes (Germ.), 34 cks.; cale, chloride (St. John), 1,320 drms.; greanium oil (Fr. John), 50 drms.; phosphorus (St. John), 500 cs.; pot. nit. (Antw.), 30 bgs.; pot. prussiate (Antw.), 18 cks.; soda nit. (Norw.), 2,517 cks.; soda phosph. (Antw.), 114 cks.; soda pruss. (Fr.), 15 cks.

Port of London Charges.

The Port of London Authority give notice that in order to meet the cost involved in and incidental to the increased wages paid to dock labour, the following increases will be made in the existing tariffs of dock and warchouse dues, rates, and charges from May 10—viz., dock and warchouse rates, charges, and rent on goods, 150 per cent. instead of 85 per cent., as at present; dock dues and other charges (except rent) on vessels and lighters, 150 per cent. instead of 85 per cent., as at present; dock dues on vessels in Class I., 147½ per cent. instead of 82½ per cent., as at present; rent on vessels and lighters, 155 per cent. instead of 70 per cent., as at present. The Association of Public Wharfingers of the Port of London also intimate a similar increase. increase.

The Meaning of "Ex-Store."

Merchants in the City of London have been much concerned at the probable effect of the judgment of Mr. Justice Bailbache in the case of Fisher, Reeves & Co. v. Armour. From this decision it is feared the deduction might be drawn that goods sold "ex store" represent good delivery if available in lighters afloat. Buyers of goods afloat would, it is contended, be liable for heavy demurrage rates on the craft, and they would have to provide for anost would, it is contended, be harde for nearly demartage rates on the craft, and they would have to provide for marine insurance. The Canned Goods Section and the Merchants' Committee of the London Chamber of Commerce have passed a resolution that "according to all commercial custom, ex shipping craft, ex or on quay, ex waremercial custom, ex simpling crait, ex or or dualy, ex wate-house, or ex store, are four entirely different conditions, and that none represents a good delivery, according to trade custom, against the other." It is suggested that combined action shall be taken by the Produce Brokers' Association and by members of the Baltic Exchange.

German Trade with Spain.

In a report on the Spanish market during the past two months the "Grosshandels-Zeitung für den Drogen, Chemikalien und Spezialitäten-Markt" of April 30 states that although British and French firms have recently raised their prices, German goods are in a number of instances considerably dearer than those of their British, French, and American competitors. The time has now come when German manufacturers must take every continue into account if they wish competitors. The time has now come when German manufacturers must take every centino into account if they wish to meet competition, and the days of calculating prices on broad lines are over. Another drawback German manufacturers have to face is the very prompt delivery by foreign competitors, whereas the Germans are greatly "handicapped (sic) through the everlasting strikes and transport difficulties.

"Small wonder, therefore, if the, on the whole, friendly disposition to Germany of the Spaniard makes him cautious and placing orders in that country, and he refuses to pay in advance, since dealers have had to wait in innumerable cases six months and more before obtaining the goods ordered. There is a great demand for bromine preparations, aniliuproducts, hexamethylenetetramin, benzonaphthol, ichthyol,

and caffeine. "Interesting are the attempts of American manufacturers of photographic chemicals to capture the Spanish market. Kodak has recently started an active campaign to introduce its photographic chemicals, which are put up in very effec-tive and attractive packages." . . . Es war einmal . . . (once upon a time).

Bulgarian Oil of Rose.

The prospects of the forthcoming harvest are very unfavourable, since the rose plantations have been very much favourable, since the rose plantations have been very nuch neglected, as they do not yield as much profit to the peasants as other forms of agricultural enterprise, and the next harvest is not expected to yield more than 1,200 kilograms of oil. It is stated that in the past year the American Government secured an option on the purchase of 3,000 kilograms of oil of rose, but as the highest yield in the best years only amounted to 4,500 kilograms, it is generally assumed that a considerable portion of this amount will consist of old stock and of adulterated oils. It is also reported that the Japanese Syndicate has secured through the Foreign Office an option for 1,000 kilograms, but it is not clear whether this refers to the yield from the new harvest, or also includes stocks from the last harvest.

The cost of oil of roses has increased very considerably

The cost of oil of roses has increased very considerably in consequence of the high charges entailed for the copper containers in which it is put up, and also as a result of the very heavy export dues which are now levied. The cost of the containers now amounts to no less than 300 levas for a bill covered of the containers have amount and the containers of collections. kilogram of oil, while the export duty, which amounted to 12 levas before the war, and in 1917 was raised to 200 levas, has now been increased to 1,250 levas per kilogram. The price of 1 kilogram of genuine oil of rose is at present 1051., in America \$564, and in Switzerland 2,250fr.



The Council Election.

SIR,—In reply to Mr. Barnard, I need only point out that he admits one of the "constituent" associations was not represented at the special meeting in question. Obviously, therefore, the meeting was not entitled to act in the name of London County as a whole. Apart from this, representatives of other "constituent" associations who were present did not approve of and vote for what was done. But I am not so much concerned about the question of constitution or authority as about the expediency or propriety of issuing in the name of London County a manifesto not unanimously approved by all the so-called "constituent" associatious in the county.

Yours faithfully,

John Humphrey.

Sir,—In common with others, I have received an invitation to vote for five of the retiring councillors, to the exclusion of the sixth. It is mainly on the ground of experience and the assumption that it is not wise to swap horses in crossing a stream, but I venture to think, if the horses are likely to sink beneath their responsibility, "Safety First" demands that the burden should be transferred. From a variety of sources I piece together another story of vacillation and timidity before departmental action comparable with the by-law:

August 1919.—A regulation was passed depriving pharmacists in the public service of the power of training pupils in pharmacy.

October 1919.—Resolutions of protest from various institutional pharmacists reach the Council, but all are resolutely turned down.

November 1919.—A deputation waits on the Council;

another refusal to reopen the question.

January 1920.—Various bodies of public pharmacists get

in touch with the Minister of Health.

February 1920.—Something happens: some appear wise and mention the Privy Council with bated breath.

May 1920.—The Council, in which the wisdom of the Five is included, reverse their policy and concede to Government Departments what they rejused to their own members during eight months of agitation.

These be your leaders, O Israel! worthy of the utmost confidence! Yes, they have the courage of the two-headed mule. Sack the lot!

A STUDENT IN PHARMACY. (11/5.)

SIR,—Incredible as it may seem, there are apparently some associations and individuals who are prepared to support the advocates of the by-law. After all the discussions, correspondence, and pronounced views one hears from fellow-pharmacists, one would have thought that the sympathisers with this ill-omened measure were all extinct, but evidently there are still some of us who follow the policy of letting "I dare not, wait upon I would," and it is just this attitude, which brought about the passing of the by-law at the second meeting at the Central Hall, which may, in the coming election, so split the vote as to register an endorsement of the Council's policy. This, therefore, is what we should particularly guard against; and if all members would register their votes for the candidates who have definitely expressed their objection to the by-law, and against those who have not done so, the issue would be clear. While thoroughly appreciating the act of the By-law Protest Committee in handing over their balance to the Orphan Fund—and no more deserving fund could be found-at the same time I think it would have been wiser to have awaited the result of the election; as if by chance the Council's policy should stand confirmed by the return of the old members, a committee would find the nucleus of such a fund extremely useful to fight the further applications for dilution of the register which would be sure to follow such an event.

Yours faithfully, NUCLEITE. (8/5.)

Federation P. oposals.

SIR,—At the Manchester meeting on May decided that the original Lancashire Federation converted into a North-Western Federation Local Associations Executive scheme. A p postpone this conversion until the decision in case should be known was defeated by a majority. The result is that the Federation w undergo two conversions instead of one. Owi short time left available for the consideration draft rules it was unavoidable that they should through and passed in rather a crude state, suggest that the new N.W. Executive at an send copies of these rules to each affiliated ass the N.W. area to be carefully considered; and proposed amendments should be forwarded to Executive within a month. The Executive sigo through the amendments, and decide which should be recommended for adoption and rejection at a special general meeting to be co to deal with the rules and proposed standing is unthinkable that pharmacists of the N.W. L.A.E. in London. The official reason for the restrict procedure is that "The one who pays is entitled to call the tune." Well, let us find real paymaster—not a very difficult task, stargue that the Central L.A.E. pays the pipe same plane as that of a banker who might try the restrict that the restr you that it is the magnanimous banking comp is paying the accounts of your wholesaler, and a credits "have nothing to do with the case." We have the right to elect, not merely nominate secretary. If we do not get it, it will be our n Then another important point. If the LATs really effective it must be able to act as an infederation or trade union. It is a great and while local associations have for several miss urged to put themselves on a proper basis in employers' sections, the Central Executive is tuted that assistants may stand for and be electrically described by the control of the control This decidedly is most unbusinesslike. Surel his in the constitution of the L.A.E. is enough to iden untried. Whatever the result of the test came the L.A.E., if it is to be a success, will, in the Circular C.L. 69, have "to reconstitute its or issu on democratic and businesslike lines. It lie it rank and file to help it on the right path-ti spirit of captious criticism, but with an hour for the betterment of pharmacy. It was in the spirit that the Lancaster Association, supported Pre and Southport, proposed its amendment, and item ing to relate that our opposition was met with place nature, not unmixed with a spice of fun, card by misunderstanding a remark of the chairman app the animal kingdom, whereas the vegetable k dom the one referred to. We were defeated fair and are ready to do battle again if the occasion sold a Yours truly Lancaster.

Lancaster. J. B. A. War Auxiliary Benevolent Fund.

SIR,—I see from the C. & D. that Mr. Par has suggesting that this War Fund should be us for a who took no active part in the war at all. This at twist. What was the money put up for? Whenefit ex-Service men, and Mr. Parry had be read ber that. In fact, everybody at Bloomsbury Street to have forgotten it. The sum of 23,000. A read how much spent on helping ex-Service men what a rotten shame! I am told it is like ging out of a dead German to get help from this fur more than one case where help has been ask for the poor ex-Service man left in the cold. We somebody make inquiries about this? In you report says Mr. Parry is hanging on to the money the says Mr. Parry is hanging on to the money the says Mr. Parry is hanging on to the money the says Mr. Parry is hanging on to the money the says Mr. Parry is hanging on to the money the says Mr. Parry is hanging on to the money the says Mr. Parry is hanging on to the money the says Mr. Parry is hanging on to the money the says Mr. Parry is hanging on the same asking for charity? Mr. Sargeant said this a little bit stingy. We should have said one different from that in the Army.

EX-SERVICE MAN [12/5].

Tr British Chemical Trade Association.

-W have received certain inquiries as to the of his Association towards the new Chemical Traders' Association now in course of for-in unchester, and some of the trade papers have att tion to the fact that we are probably not iou of the movement to establish this new Assoorder to satisfy these inquiries I am say that we are happy to note that certain ho we not thought fit to join their confreres in this Chemical Trade Association have at length th necessity for trade organisation, and if we any part in bringing this conviction home to we fulfilled part of our mission. We are te promoters of the new Association have not the take advantage of the express invitation seen repeatedly extended to them to come in join our committees, to give us the benefit ericnce, and to furnish any suggestions for dent of our constitution, or the extension of owever, if the new Association can render a serice to the trade generally by a separate the decision of the promoters in this respect justified. It would be insincere on our part eur doubts as to whether the new Association lo offer for its proposed subscription of twenty pequal service to that provided by this Assoo five guineas per sonum, but that, again, oe seen. From a cursory perusal of the draft jects of the new Association, they appear to ong of importance that is not already provided when constitution. Provided that, as in this on the democratic principle of filling all offices biship of committees at the free and unfettered the members is adhered to, and so long as n suspicion of running the organisation for the nefit of any particular group, the new Assorepn prefer to remain outside the British Chemissociation. We have already rendered signal several firms who are now interesting them-tormation of the new Association by making resentations on their behalf to Government Our attitude is in no sense one of opposit, n the contrary, one of cordial readiness to e if co-operation be desired, as our object service to the trade as a whole. C mical Trade Association is (1) a properly body, and membership is open to every the chemical trade who is of good repute; ming in a highly satisfactory manner the a trade association; (3) is officially recog-Government Departments as the Chemical organisation.

organisation. Yours faithfully,
THE BRITISH CHEMICAL TRADE ASSOCIATION.
O. F. C. BROMFIELD, Secretary.

Profits on Proprietaries.

I nust again take exception to "Pharmico's" w, in the matter of the action of the Manussociation in objecting to the revised scheme at stamp duties, which were under favourable and for inclusion in this year's Budget; the very rightly vetoed this scheme, because it any way equitably assist the situation. As in my last letter, there is only one satisfactory. To the Revenue to allow an increase of the price of all articles, without alteration of the price of all articles, without alteration of the proprietaries, and, consequently, the source would show no falling away either.

Yours faithfully.

STRAIGHT DEAL. (7/5.)

Irregular Prescriptions,

I otice in the C. & D., May 1, that in two e have been complaints of doctors not adhering calations when writing prescriptions. In the ac, in the North British Branch (p. 85), pre-

scriptions for cocaine were not in accordance with regulation 40 B, and in the second case, at Southend (p. 89), "Rep. mist." scripts were still being issued. Surely the remedy for this is in the hands of the chemists; they should not accept such prescriptions, but firmly and politely refer the customer back to the doctor with a request to put the script in order before it can be dispensed. Doctors, we know, are a law to themselves, and it is quite possible that many of them never trouble to read the circulars and regulations that are published from time to time; but one or two returned scripts with an intimation that the patient cannot obtain the medicine until the requirements of the Committee are fulfilled would surely be sufficient to awaken them to their responsibility in this matter. There is, of course, the objection that this is rather rough on the insured person, having to spend time in going back to the surgery; but they should learn to lay their grievance at the door of the right person, and not at that of the pharmacist, who is always the scapegoat.

Your faithfully,

RITORNATA. (1/5.)

The Outlook in the Drug-trade.

SIR,—"Xrayser II." wants to know why capable men remain as assistants—the very question I asked a company director once. His reply was, "Lack of concentration" in most cases; so many men need a guiding hand. Some men have comfortable berths with good pay and very little responsibility. They are satisfied.

Yours truly, DAVID.

Legal Queries.

North Shields (3/4).—There is no monopoly to chemists in the use of the word "pharmacy" as a place-name.

T. W. H. (22/4).—Proprietary medicines sold in this country to people residing in Ireland require to bear the medicine stamps.

A. R. S. P. (23/4).—The position in regard to the sale of malt packets for home-brewed beer was explained in the C. & D., September 20, 1919, p. 60.

J. C. (19/4).—A calf-scour mixture containing three grains of opium per ounce requires to be labelled "Poison" and with the name and address of the seller.

Sergeant-Major (10/5).—Dale's plaster is a poison within the meaning of Part. II. of the Poison's Schedule. This is explained in the Chemist and Druggist Diary, 1920.

T. P. J. (7/5).—The designation "Jones' Pharmacy" can be used by unqualified persons, but if this is the trading name the person using it must conform with the Business Names Registration Act.

Horsey (29/4) asks whether it is ever permissible to charge assistants for breakages. [An assistant is under no liability in respect of accidental breakages, but is responsible for breakages resulting from negligence.]

X. Y. Z. (8/5).—(1) Rebate of spirit duty is only allowed on medicinal preparations, not on perfumed spirits. (2) No licence is now required to start a new business. (3) We should like further information regarding the formulas you propose to offer for sale.

H. J. S. (4/5) asks whether a bottle exchange is entitled to collect syphons engraved with his name and address and demand payment of 1s. 3d. each before returning them to him? [In our opinion the action of the bottle exchange is quite legal, assuming that it acquires the bottles in good faith. The fact that "H. J. S.'s" name and address are engraved upon the bottles obviously does not make them his property under all circumstances. "H. J. S." should protect himself from loss, if he does not already do so, by arranging suitable terms upon which to supply the bottles to his customers.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed tormulas for them.

R. T. (29/4):—(1) THE MANUFACTURE OF COD-LIVER OIL is described in Möller's "Cod-liver Oil and Chemistry." Fresh livers are subjected to a moderate heat for about two hours in steam-jacketed vessels, and the oil that separates withdrawn. Another form of apparatus also employed consists of a wooden funnel-shaped pan lined with tin into which the livers are placed and live steam injected at a pressure of 15 to 20 lb. (2) The Preserva-TION of Yolk of Egg is managed by heating the separated yolks to 185° F. with the addition of sugar or glucose and hermetically sealing the vessel. Dried eggs are prepared by exposing the whites and yolks to a current of air at 90° to 104° F. during eighteen hours. powdering the product and again exposing to dry air.

J. D. F. (28/4).—Dakin's Fluid.—See The Chemist and Druggist Diary, 1918, p. 70.

Sewel (22/4) .-- Angostura Tonic. - The following is from "Pharmaceutical Formulas":

> Angostura-bark Cinchona-bark ... žij. ... žij. Bitter-orange peel Galangal-root 5X. ... 5x. Cinnamon Cassia-buds ... Red sandalwood ... 5x. Cardamom-seeds Gentian-root ... 5iij. Proof spirit ... Cong. j Rum Cong. j. ٠..

Macerate for a week, and in the filtrate dissolve

Sugar lb. ij. Oil of Cognac mxx.

Mix.

H. J. Q. (17/4).—HENNA SHAMPOO POWDER. Dried sodium carbonate ... 5iss. Dried curd-soap ... 5iss. Powdered henna

Make into a powder, which is used with a pint of water as a shampoo for regular washing of the head.

... gr. x.

E. G. (4/5).—Destroying Ants.—If the nests can be located, carbon bisulphide poured into a number of holes in the ground near the nests is effectual, as also are boiling water and paraffin oil. Where the nests cannot be located, the ants may be trapped by moistening pieces of sponge with treacle and water, and, when the sponge is covered, immersing in boiling water. Borax is said to be fatal to ants, and may be added to the syrup. Arsenic is also used with the syrup.

.4. K. (4/5).—Waterproofing Cloth.—See C. & D., 1919, p. 852.

R. D. S. (M 4,1).—TATTOOING HOUNDS' EARS.—The inks used for this purpose are Veuetian red, Chinese blue, lemon chrome. Brunswick blue, and the various umbers and ochres. The colours should be the finest qualities as sold by artists' colourmen in powder and cake form—not ground in oil. The colour is mixed with water for use.

C. C. (4/5).—(1) BLUE COLOUR ON STEEL.—The steel is immersed in a hot solution of:

> Lead acetate 50 gr. ... 5 oz. Sodium thiosulphate Water

The colour varies from light brown, blue, to black, the darkest tint requiring half an hour. The article must be totally immersed or the colour will not be even. (2) We do not know the composition of the face cream to which you refer, but it is believed to consist of zinc oxide suspended in a starch jelly.

- 4. E. D. (13/4).—The formula for dental which you submit should be simplified by on ol. gaultheriæ and the liq. hamameridis. The pr should be replaced by a few drops of tincture so that the iodine can combine with the ca (which should be reduced in quantity). Great be taken to maintain sterile conditions in n anæsthetic, or untoward results may ensue when in tooth-extraction.
- J. R. (10/5).—Soaking the hard surface of skin with saturated solution of sal ammoniac it. The excess of moisture is afterward by rubbing bran into the surface.
- J. G. (11/5).—MIMEOGRAPH INK.—For this thick ink is required, such as printers' ink th soap solution. Another variety is made by b

Shellac ... 2 oz. ... 2 oz. ... 25 oz. Borax ... Water

then adding gum acacia 2 oz. and colouring wired, lampblack, Prussian blue, or similar sul

E. T. E. (5/5).—(1) CLEANING OIL-PAINTING deal can be done by washing the surface win water, and rinsing with clean water. When c the surface with a pledget of cotton-wool moi linseed oil. Pictures of value, especially the the varnish has become disintegrated, she tampered with by an amateur on account of t volved. Experience is gained on unimportarings. The old varnish is rubbed off by manisurface with the finger-tips and sponging l turpentine, Gunn's "Print Restoration a Cleaning" (L. U. Gill) is a useful work on (2) ANTI-DIMMING PREPARATIONS.—Vaseline wind-screen prevents the view being obscu weather. During the war pastes similar to the were used for the eye-pieces of gas-masks:

Turkey red oil, 85 per cent, 100 m Sodium carbonate 15 Water-glass ... Paraffin oil oil ... Glycerin

The surfaces of the eye-piece were wiped clean breathing on the inside surface a small and composition was rubbed on with the finger polished with a cloth. Other formulas well C. & D., January 17, p. 76.

F. H. (4/5).—VIOLIN RESIN.—As generally this is resin freed from turpentine by height boiling-point. Another kind is made by but turpentine in water until, on cooling, it is the constitution of the resistance. consistence. The resin is afterwards dried in earl formed into squares. The formula you send a unnecessarily complex.

H H. (3/5).—Scotch Fir is Pinus sylvestr an oil that varies according to the locality we tree grows. English distilled oil is lavorous most other varieties are dextro-rotatory. Thene not appear to be obtainable now.

Retrospect of Fifty Year

Reprinted from "The Chemist and Druggist," 114

Liniment of Iodide of Potassium and ap

Professor Redwood alluded briefly at the evil of the Pharmaceutical Society of Great Britaio tion of Lin. Potassii Iodidi cum Sapone, reconsuse of the nearly pure cleate of soda, as for a lamond oil soap. The liniment had been mesoap and a perfectly satisfactory result of sionally it had been found necessary to warm. Professor Redwood thought such a soap verse for introduction into the Pharmacopæia.

EVERY WEEK

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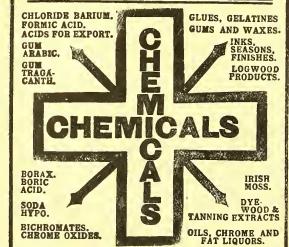
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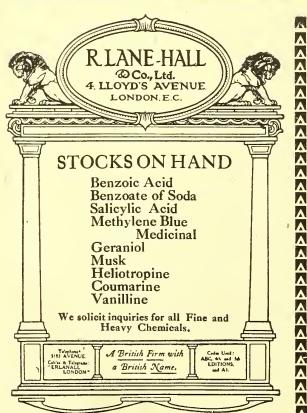
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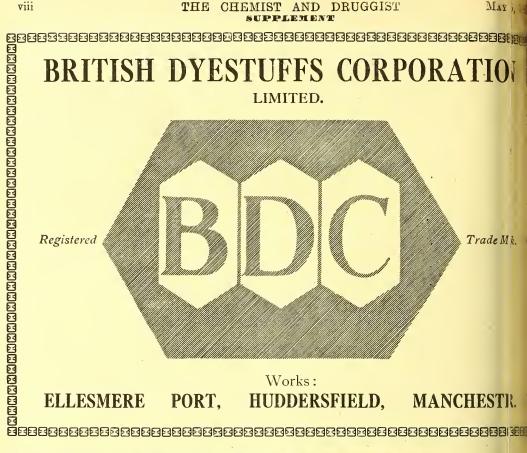
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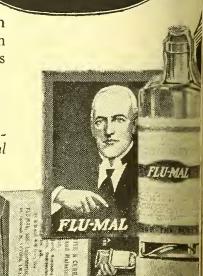
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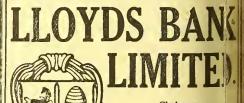
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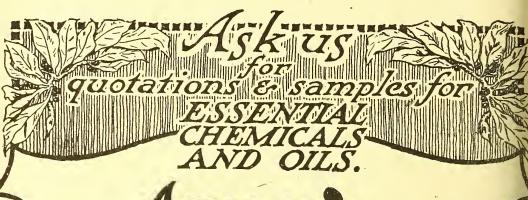
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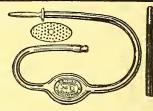
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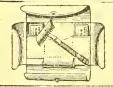


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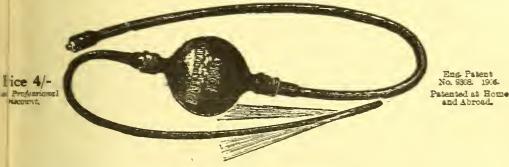
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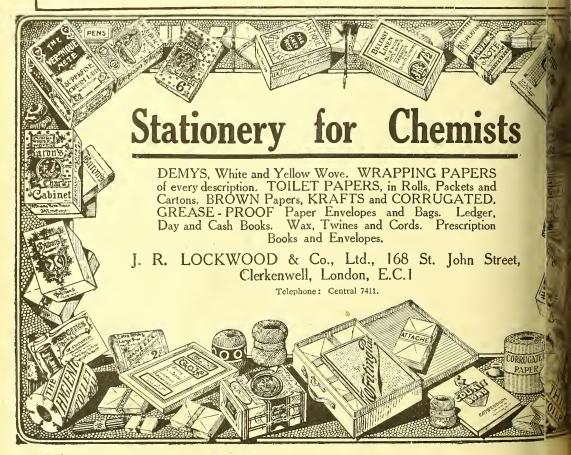
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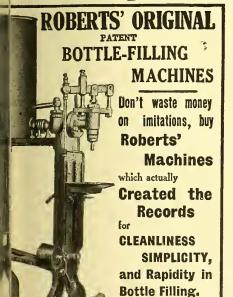
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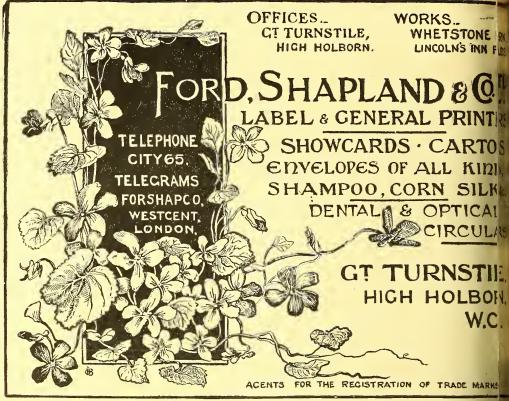
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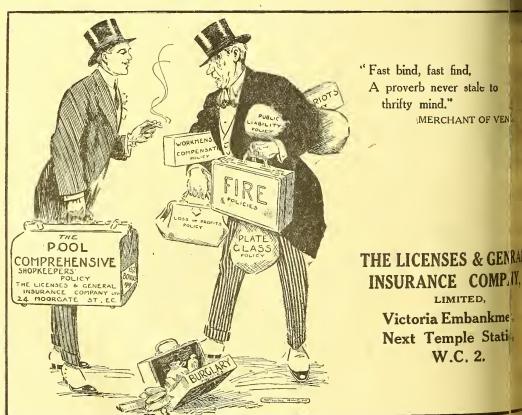
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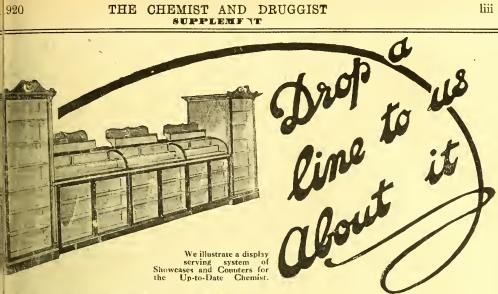
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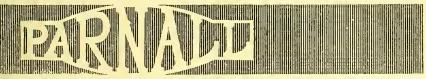




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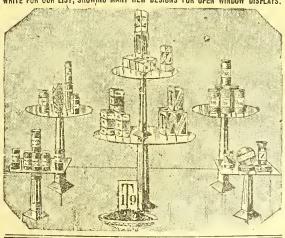
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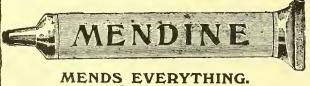
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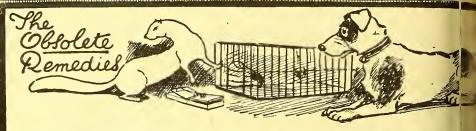
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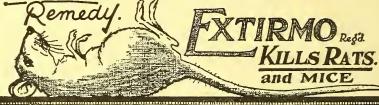


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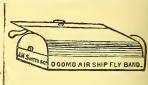
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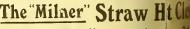
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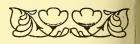


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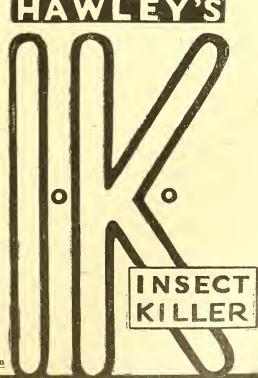
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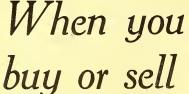
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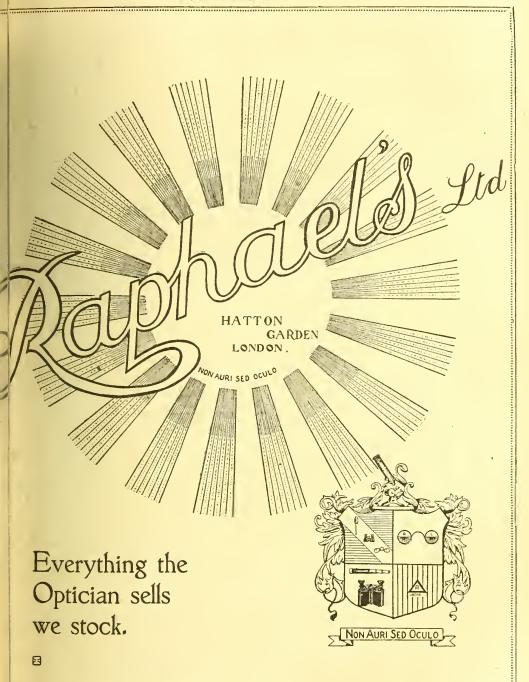
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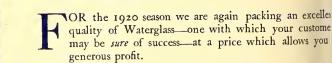
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